

## Rabbit anti-Human, Mouse OSSA Polyclonal Antibody | anti-OSSA antibody

Rabbit anti-OSSA Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                      |
|-----------|--------|--------------|-----------------------------------|
| AAA212350 | Rabbit | Human, Mouse | Immunoprecipitation, Western Blot |

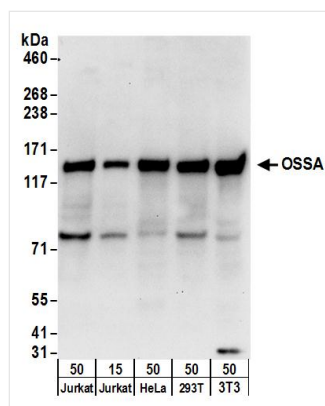
### PRODUCT SYNONYMS

OSSA; Polyclonal Antibody; Rabbit anti-OSSA Antibody; Affinity Purified; constitutive coactivator of PPAR-gamma-like protein 1; Protein FAM120A; oxidative stress-associated Src activator; oxidative stress-associated Src activator; HBVPTAP; C9orf10; Constitutive coactivator of PPAR-gamma-like protein 1; family with sequence similarity 120A; anti-OSSA antibody

### PRODUCT SPECIFICATIONS

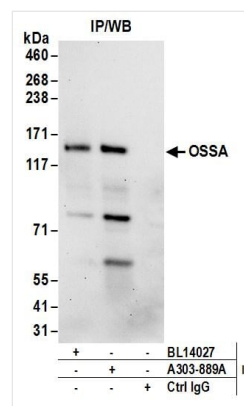
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse                                                                              |
| Clonality                                      | Polyclonal                                                                                |
| Purity/Purification                            | Antigen Affinity Purified                                                                 |
| Form/Format                                    | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                  | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-OSSA antibody | IP (Immunoprecipitation), WB (Western Blot)                                               |
| Immunogen                                      | Between 1068 and C-terminus                                                               |
| Conjugation                                    | Unconjugated                                                                              |
| Preparation and Storage                        | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### WB (Western Blot)

Detection of human and mouse OSSA by western blot. Samples: Whole cell lysate from Jurkat (15 and 50 ug), HeLa (50ug), HEK293T (50ug), and mouse NIH 3T3 (50ug) cells. Antibodies: Affinity purified rabbit anti-OSSA antibody AAA212350 (lot AAA212350-1) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



#### IP (Immunoprecipitation)

Detection of human OSSA by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-OSSA antibody AAA212350 (lot AAA212350-1) used for IP at 6 ug/mg lysate. OSSA was also immunoprecipitated by rabbit anti-OSSA antibody BL14027. For blotting immunoprecipitated OSSA, AAA212350 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-OSSA antibody | Oxidative stress-associated Src activator (OSSA) may participate in mRNA transport in the cytoplasm (by similarity). OSSA is a critical component of the oxidative stress-induced survival signaling. It activates src family kinases and acts as a scaffolding protein enabling src family kinases to phosphorylate and activate PI3-kinase. It binds RNA and promotes the secretion of IGF-II. OSSA may play a pivotal role in the progression of scirrhou-type gastric cancer by supporting cancer cell survival in environments with various oxidative stresses [taken from the Universal Protein Resource (UniProt) <a href="http://www.uniprot.org/uniprot/Q9NZB2">www.uniprot.org/uniprot/Q9NZB2</a> ]. |
| Product Categories/Family for anti-OSSA antibody   | <a href="#">Primary Antibodies</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">39652628</a>                                                                                                                                                                                                                                                         |
| NCBI GeneID                      | <a href="#">23196</a>                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | <a href="#">NP_055427.2</a>                                                                                                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | <a href="#">NM_014612.4</a>                                                                                                                                                                                                                                                      |
| UniProt Accession #              | <a href="#">Q9NZB2</a> ; <a href="#">O60649</a> ; <a href="#">Q14688</a> ; <a href="#">Q4VXF4</a> ; <a href="#">Q4VXF5</a> ; <a href="#">Q4VXG2</a> ; <a href="#">Q86V69</a> ; <a href="#">Q96I21</a> ; <a href="#">Q9NZB1</a> ; <a href="#">A6NGU0</a> ; <a href="#">C4AMC6</a> |
| Molecular Weight                 | 125,272 Da                                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | constitutive coactivator of PPAR-gamma-like protein 1 isoform a                                                                                                                                                                                                                  |
| NCBI Official Synonym Full Names | family with sequence similarity 120A                                                                                                                                                                                                                                             |
| NCBI Official Symbol             | FAM120A                                                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | OSSA; C9orf10; DNATP1; DNATP5                                                                                                                                                                                                                                                    |
| NCBI Protein Information         | constitutive coactivator of PPAR-gamma-like protein 1; DNA polymerase-transactivated protein 1; DNA polymerase-transactivated protein 5; oxidative stess-associated Src activator; oxidative stress-associated Src activator                                                     |
| UniProt Protein Name             | Constitutive coactivator of PPAR-gamma-like protein 1                                                                                                                                                                                                                            |
| UniProt Gene Name                | <b>FAM120A</b>                                                                                                                                                                                                                                                                   |
| UniProt Synonym Gene Names       | C9orf10; KIAA0183; OSSA                                                                                                                                                                                                                                                          |
| UniProt Entry Name               | F120A_HUMAN                                                                                                                                                                                                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ossa-antibody-immunoprecipitation-western-blot-elisa/212350>