

## Rabbit anti-Human AACS Polyclonal Antibody | anti-AACS antibody

AACS Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA233805</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

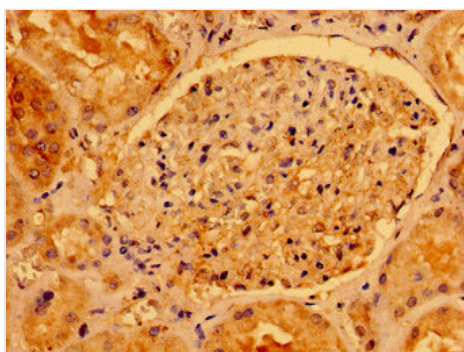
### PRODUCT SYNONYMS

AACS; Polyclonal Antibody; AACS Antibody; Acetoacetyl-CoA synthetase; Acyl-CoA synthetase family member 1; Protein sur-5 homolog; ACSF1; anti-AACS antibody

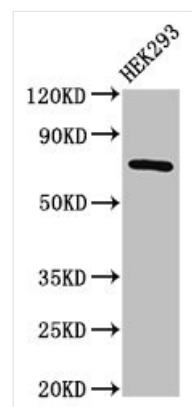
### PRODUCT SPECIFICATIONS

|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                           |
| Reactivity                                     | Human                                                                            |
| Clonality                                      | Polyclonal                                                                       |
| Isotype                                        | IgG                                                                              |
| Purity/Purification                            | >95%, Protein G purified                                                         |
| Form/Format                                    | Liquid                                                                           |
| Sequence Length                                | 599                                                                              |
| Applicable Applications for anti-AACS antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                             |
| Immunogen                                      | Recombinant Human Acetoacetyl-CoA synthetase protein (1-672AA)                   |
| Conjugation                                    | Non-conjugated                                                                   |
| Buffer                                         | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA233805 at dilution of 1:100


**WB (Western Blot)**

Western BlotPositive WB detected in: HEK293 whole cell lysateAll lanes: AACS antibody at 2.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 76, 68, 31 KDaObserved band size: 76 KDa

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                     |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-AACS antibody | Activates acetoacetate to acetoacetyl-CoA. May be involved in utilizing ketone body for the fatty acid-synthesis during adipose tissue development (By similarity). |
| Product Categories/Family for anti-AACS antibody   | Cancer; Cardiovascular; Metabolism; Signal transduction                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 985701010                                                              |
| NCBI GeneID                      | 65985                                                                  |
| NCBI Accession #                 | NP_001306768.1                                                         |
| NCBI GenBank Nucleotide #        | NM_001319839.1                                                         |
| UniProt Accession #              | Q86V21; Q49AB9; Q49AC3; Q658Q8; Q8IWD2; Q8NEW5; Q9BSJ9; Q9H829; Q9HA19 |
| Molecular Weight                 | 30,061 Da                                                              |
| NCBI Official Full Name          | acetoacetyl-CoA synthetase isoform 2                                   |
| NCBI Official Synonym Full Names | acetoacetyl-CoA synthetase                                             |
| NCBI Official Symbol             | AACS                                                                   |
| NCBI Official Synonym Symbols    | ACSF1; SUR-5                                                           |
| NCBI Protein Information         | acetoacetyl-CoA synthetase                                             |
| UniProt Protein Name             | Acetoacetyl-CoA synthetase                                             |
| UniProt Gene Name                | AACS                                                                   |
| UniProt Synonym Gene Names       | ACSF1                                                                  |

**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/aacs-antibody-immunohistochemistry-western-blot-elisa/233805>