

## Rabbit anti-Human, Mouse GPRASP1 Polyclonal Antibody | anti-GPRASP1 antibody

GPRASP1 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                  |
|-----------|--------|--------------|---------------------------------------------------------------|
| AAA40584  | Rabbit | Human, Mouse | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

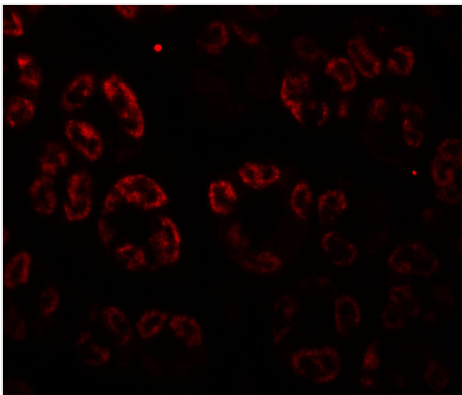
### PRODUCT SYNONYMS

GPRASP1; Polyclonal Antibody; GPRASP1 Antibody; G-protein coupled receptor-associated sorting protein 1; GASP; GASP-1; GASP1; G protein-coupled receptor associated sorting protein 1; anti-GPRASP1 antibody

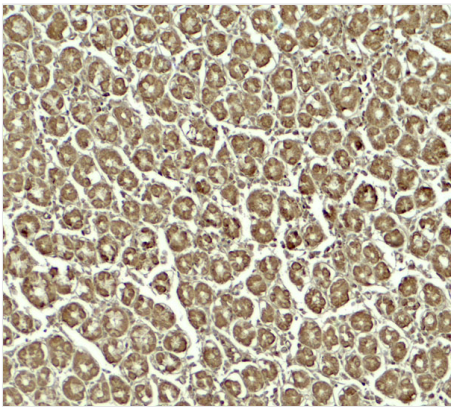
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                            |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                     |
| Reactivity                                        | Human, Mouse                                                                                               |
| Clonality                                         | Polyclonal                                                                                                 |
| Isotype                                           | IgG                                                                                                        |
| Specificity                                       | GPRASP1 antibody is human and mouse reactive. This antibody is predicted to not cross-react with GPRASP2.  |
| Purity/Purification                               | GPRASP1 antibody is affinity chromatography purified via peptide column.                                   |
| Form/Format                                       | Liquid                                                                                                     |
| Concentration                                     | 1 mg/mL (varies by lot)                                                                                    |
| Sequence Length                                   | 1395                                                                                                       |
| Applicable Applications for anti-GPRASP1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                              |
| Conjugate                                         | Unconjugated                                                                                               |
| Immunogen                                         | GPRASP1 antibody was raised against a 15 amino acid peptide near the amino terminus of human GPRASP1.      |
| Buffer                                            | GPRASP1 antibody is supplied in PBS containing 0.02% sodium azide.                                         |
| Preparation and Storage                           | GPRASP1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. |

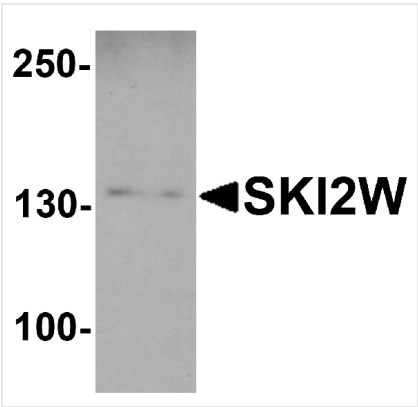
IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence of SKI2W in human stomach tissue with SKI2W antibody at 20  $\mu$ g/ml.



**IHC (Immunohistochemistry)**  
Immunohistochemistry of SKI2W in human stomach tissue with SKI2W antibody at 5  $\mu$ g/ml.



**WB (Western Blot)**  
Western blot analysis of SKI2W in mouse stomach tissue lysate with SKI2W antibody at 1  $\mu$ g/ml.

ADDITIONAL INFORMATION

|                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-GPRASP1 antibody</b> | The G protein-coupled receptor associated sorting protein 1 (GPRASP1) is a member of the GPRASP family and is thought to modulate lysosomal sorting and functional down-regulation of a variety of G-protein coupled receptors (1,2). GPRASP1 interacts with receptors such as the D2 dopamine receptor (DRD2), delta opioid receptor (OPRD1), beta-2 adrenergic receptor (ADRB2), D4 dopamine receptor (DRD4) and cannabinoid 1 receptor (CNR1) and targets these proteins for degradation in lysosomes (2). Recently, it has been shown that increased GPRASP1 levels may act as a potential biomarker for breast cancer (3). |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| NCBI GI #                 | 296080706                                               |
| NCBI GeneID               | 9737                                                    |
| NCBI Accession #          | NP_001171656                                            |
| NCBI GenBank Nucleotide # | NM_001184727.1                                          |
| UniProt Accession #       | Q5JY77; O43168; Q96LA1                                  |
| Molecular Weight          | Predicted: 153 kDa<br>Observed: 150 kDa                 |
| NCBI Official Full Name   | G-protein coupled receptor-associated sorting protein 1 |

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI Official Synonym Full Names | G protein-coupled receptor associated sorting protein 1 |
| NCBI Official Symbol             | GPRASP1                                                 |
| NCBI Official Synonym Symbols    | GASP; GASP1; GASP-1                                     |
| NCBI Protein Information         | G-protein coupled receptor-associated sorting protein 1 |
| UniProt Protein Name             | G-protein coupled receptor-associated sorting protein 1 |
| UniProt Gene Name                | <b>GPRASP1</b>                                          |
| UniProt Synonym Gene Names       | GASP; KIAA0443; GASP-1                                  |
| UniProt Entry Name               | GASP1_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/gprasp1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40584>