

Rabbit GPS1 Polyclonal Antibody | anti-GPS1 antibody

GPS1 Polyclonal Antibody

CATALOG # AAA279549	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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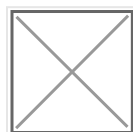
PRODUCT SYNONYMS

GPS1; Polyclonal Antibody; GPS1 Polyclonal Antibody; COPS1; CSN1; SGN1; G protein pathway suppressor 1; anti-GPS1 antibody

PRODUCT SPECIFICATIONS

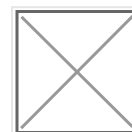
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	491
Applicable Applications for anti-GPS1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 258-527 of human GPS1(NP_997657.1)
Observed MW	55kDa
Calculated Molecular Weight	55kDa/59kDa
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using GPS1 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse cancer using GPS1 antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human stomach using GPS1 antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human kidney using GPS1 antibody at dilution of 1:100 (40x lens).

**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using GPS1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-GPS1 antibody	This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells.
Product Categories/Family for anti-GPS1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	223590263
NCBI GeneID	2873
UniProt Accession #	Q13098; Q8NA10; Q9BWL1
Molecular Weight	491
NCBI Official Full Name	COP9 signalosome complex subunit 1
NCBI Official Synonym Full Names	G protein pathway suppressor 1
NCBI Official Symbol	GPS1
NCBI Official Synonym Symbols	CSN1; COPS1
NCBI Protein Information	COP9 signalosome complex subunit 1; SGN1; GPS-1; signalosome subunit 1; COP9 signalosome subunit 1; JAB1-containing signalosome subunit 1
UniProt Protein Name	COP9 signalosome complex subunit 1
UniProt Gene Name	GPS1
UniProt Synonym Gene Names	COPS1; CSN1; SGN1; Signalosome subunit 1; GPS-1
UniProt Entry Name	CSN1_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://stage.aaabiotech.com/polyclonal/gps1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279549>