

Rabbit GORASP2 Polyclonal Antibody | anti-GORASP2 antibody

GORASP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321959	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

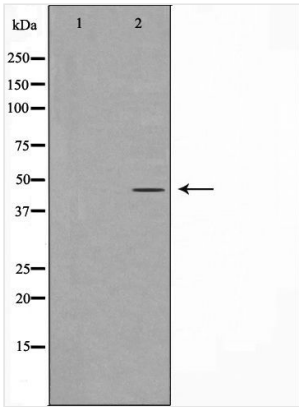
PRODUCT SYNONYMS

GORASP2; Polyclonal Antibody; GORASP2 Antibody; AW552058; DKFZp434D156; FLJ13139; Golgi phosphoprotein 6; Golgi reassembly stacking protein 2; 55kDa; Golgi reassembly stacking protein of 55 kDa; Golgi reassembly-stacking protein 2; Golgi reassembly-stacking protein of 55 kDa; GOLPH2; GOLPH6; GORS2_HUMAN; GRASP55; GRS2; p59; RP23-428O15.1; anti-GORASP2 antibody

PRODUCT SPECIFICATIONS

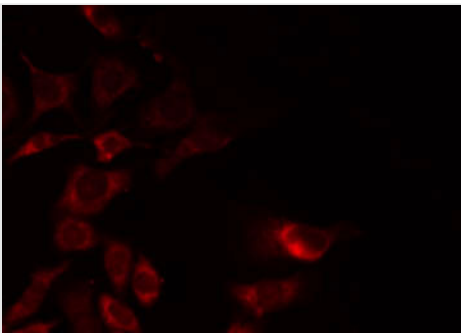
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GORASP2 antibody detects endogenous levels of total GORASP2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	384
Applicable Applications for anti-GORASP2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GORASP2
Subcellular Location	Golgi Apparatus Membrane.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of GORASP2 expression in HeLa cell extracts. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA321959 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GORASP2 antibody

Description: May be involved in assembly and membrane stacking of the Golgi cisternae, and in the process by which Golgi stacks reform after mitotic breakdown. May regulate the intracellular transport and presentation of a defined set of transmembrane proteins, such as transmembrane TGFA.

Function: Plays a role in the assembly and membrane stacking of the Golgi cisternae, and in the process by which Golgi stacks reform after mitotic breakdown. May regulate the intracellular transport and presentation of a defined set of transmembrane proteins, such as transmembrane TGFA.

Subunit Structure: Forms a RAB2 effector complex with BLZF1/Golgin 45 in the medial Golgi. Interacts with members of the p24 cargo receptors. Interacts with CNIH and the cytoplasmic domain of transmembrane TGFA, prior its transit in the trans-Golgi. Does not interact with GM130. Interacts with KCTD5. Interacts with TMED2 and TMED3 (By similarity).

Post-translational Modifications: Myristoylated. Myristoylation is essential for the Golgi targeting (By similarity). Palmitoylated. Phosphorylated in mitotic cells.

Similarity: Belongs to the GORASP family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	319803020
NCBI GeneID	26003
NCBI Accession #	NP_001188357.1
NCBI GenBank Nucleotide #	NM_001201428.1
UniProt Accession #	Q9H8Y8; Q53TE3; Q96I74; Q96K84; Q9H946; Q9UFW4; B4DKT0
Molecular Weight	Observed: 47 kDa Predicted: 48 kDa
NCBI Official Full Name	Golgi reassembly-stacking protein 2 isoform 2
NCBI Official Synonym Full Names	golgi reassembly stacking protein 2
NCBI Official Symbol	GORASP2
NCBI Official Synonym Symbols	p59; GRS2; GOLPH6; GRASP55
NCBI Protein Information	Golgi reassembly-stacking protein 2
UniProt Protein Name	Golgi reassembly-stacking protein 2
UniProt Gene Name	GORASP2

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/gorasp2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321959>