

Datasheet for ABIN2787335
anti-GORASP1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	GORASP1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GORASP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GORASP1
Sequence:	MGLGVSAEQP AGGAEGFHLH GVQENSPAQQ AGLEPYFDI ITIGHSRLNK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against GORASP1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GORASP1
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Target Details

Alternative Name:	GORASP1 (GORASP1 Products)
Background:	<p>The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a membrane protein involved in establishing the stacked structure of the Golgi apparatus. It is a caspase-3 substrate, and cleavage of this encoded protein contributes to Golgi fragmentation in apoptosis. This encoded protein can form a complex with the Golgi matrix protein GOLGA2, and this complex binds to the vesicle docking protein p115. Several alternatively spliced transcript variants of this gene have been identified, but their full-length natures have not been determined.</p> <p>Alias Symbols: FLJ23443, GOLPH5, GRASP65, MGC118894, MGC118897, P65</p> <p>Protein Interaction Partner: LONRF1, SCRNI1, AGPS, YIPF3, PRKD2, HIPK3, UBC, FBXW8, MAPK6, Gorasp1, TMED2, TGFA, GOLGA2, PLK1, CASP7, CASP3, CDK1, TMED3,</p> <p>Protein Size: 440</p>
Molecular Weight:	46 kDa
Gene ID:	64689
NCBI Accession:	NM_031899 , NP_114105
UniProt:	Q9BQQ3
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 440 AA
Restrictions:	For Research Use only

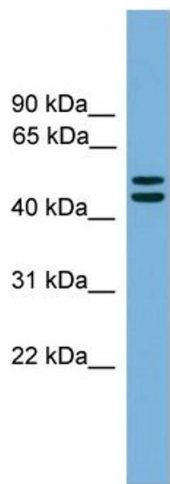
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-GORASP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HeLa cell lysate GORASP1 is supported by BioGPS gene expression data to be expressed in HeLa