

Rabbit CLIP3 Polyclonal Antibody | anti-CLIP3 antibody

CLIP3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324551	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

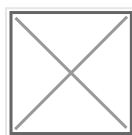
PRODUCT SYNONYMS

CLIP3; Polyclonal Antibody; CLIP3 Antibody; 1500005P14Rik; AI844915; CAP GLY domain containing linker protein 3; CAP-Gly domain-containing linker protein 3; CLIP 170 related 59 kDa protein; CLIP-170-related 59 kDa protein; clip3; CLIP3_HUMAN; CLIPR 59; CLIPR-59; CLIPR59; Cytoplasmic linker protein 170 related 59 kDa protein; Cytoplasmic linker protein 170-related 59 kDa protein; Restin like 1; RSNL1; anti-CLIP3 antibody

PRODUCT SPECIFICATIONS

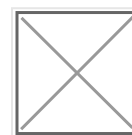
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CLIP3 antibody detects endogenous levels of total CLIP3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	547
Applicable Applications for anti-CLIP3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Golgi Apparatus > Golgi Stack. Localized to golgi stacks as well as on tubulovesicular elements juxtaposed to golgi cisternae.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (91%), Sheep (100%), Rabbit (91%), Dog (100%)
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 extracts from mouse brain, using CLIP3 Antibody. Lane 1 was treated with the blocking peptide.



WB (Western Blot)

Western blot analysis of extracts from A549 cells, using CLIP3 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324551 staining A549 cells 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) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLIP3 antibody	Function: Functions as a cytoplasmic linker protein. Involved in TGN-endosome dynamics. May modulate the cellular compartmentalization of AKT kinase family and promote its cell membrane localization, thereby playing a role in glucose transport in adipocytes. Subunit Structure: Homodimer. Interacts with AKT1 and AKT2; when AKT1 and AKT2 are phosphorylated and activated, affinity is higher for AKT2 (PubMed:19139280). Interacts with ZDHHC13 (via ANK repeats) (PubMed:26198635). Interacts with ZDHHC17 (via ANK repeats) (PubMed:26198635, PubMed:28882895). Post-translational Modifications: Palmitoylation by ZDHHC17 regulates association with the plasma membrane. Similarity: Microtubule association is inhibited by the ANK repeats and the Golgi localization region (GoLD).
References	Chen X, Chen C, Hao J, Zhang J, Zhang F; Journal: J Mol Neurosci. Effect of CLIP3 Upregulation on Astrocyte Proliferation and Subsequent Glial Scar Formation in the Rat Spinal Cord via STAT3 Pathway After Injury.

NCBI AND UNIPROT INFORMATION

NCBI GI #	313851097
NCBI GeneID	25999
NCBI Accession #	NP_001186499.1
NCBI GenBank Nucleotide #	NM_001199570.1
UniProt Accession #	Q96DZ5; Q8WWL1; Q96C99; Q9UFT7; A8K0E4
Molecular Weight	Observed: 60 kD Predicted: 60 kDa
NCBI Official Full Name	CAP-Gly domain-containing linker protein 3
NCBI Official Synonym Full Names	CAP-Gly domain containing linker protein 3
NCBI Official Symbol	CLIP3
NCBI Official Synonym Symbols	RSNL1; CLIPR59; CLIPR-59
NCBI Protein Information	CAP-Gly domain-containing linker protein 3
UniProt Protein Name	CAP-Gly domain-containing linker protein 3
UniProt Gene Name	CLIP3
UniProt Synonym Gene Names	CLIPR59; CLIP-170-related 59 kDa protein; CLIPR-59

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.