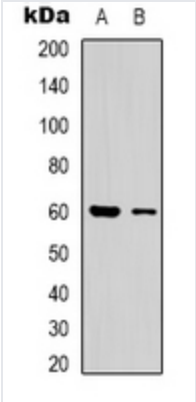
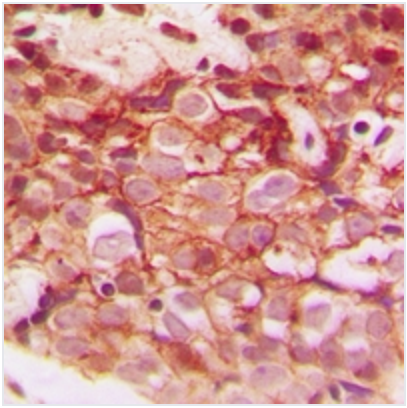
CLIP3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

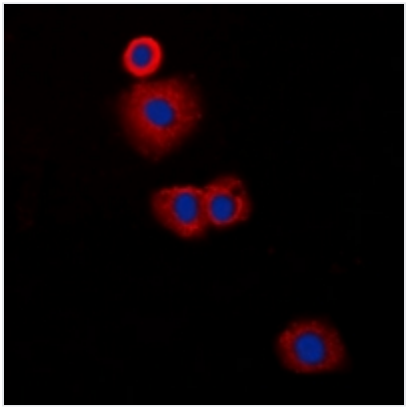
Product Name	CLIP3, Polyclonal Antibody
Full Product Name	CLIP3 Antibody
Product Gene Name	anti-CLIP3 antibody
Product Synonym Names	CLIPR59; CAP-Gly domain-containing linker protein 3; Cytoplasmic linker protein 170-related 59 kDa protein; CLIP-170-related 59 kDa protein; CLIPR-59
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Purity/Purification	Immunogen affinity chromatography
Concentration	1 mg/mL (lot specific)
Specificity	Recognizes endogenous levels of CLIP3 protein.
Preparation and Storage	Store at -20 degree C.
Molecular Weight	60 kDa
3D Structure	ModBase 3D Structure for Q96DZ5
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CLIP3.
Product Categories/Family for anti-CLIP3 antibody	Total protein Ab
Applications Tested/Suitable for anti-CLIP3 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-CLIP3 antibody	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:100-1:300
Related Product Information for anti-CLIP3 antibody	MBS9430799 is an antibody targeting CLIP3. Also known as CLIP3 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-CLIP3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CLIP3 antibody
Western blot analysis of CARD10 expression in HeLa whole cell lysates.



Immunohistochemistry (IHC) of anti-CLIP3 antibody
Immunohistochemical analysis of CLIP3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescence (IF) of anti-CLIP3 antibody
Immunofluorescent analysis of CLIP3 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CLIP3. It may not necessarily be applicable to this product.

NCBI GI #	313851097
NCBI GeneID	25999
NCBI Accession #	NP_001186499.1
UniProt Primary Accession #	Q96DZ5
UniProt Secondary Accession #	Q8WWL1; Q96C99; Q9UFT7; A8K0E4
UniProt Related Accession #	Q96DZ5
GenBank Nucleotide #	NM_001199570.1
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

UniProt Protein Name	CAP-Gly domain-containing linker protein 3
UniProt Synonym Protein Names	Cytoplasmic linker protein 170-related 59 kDa protein; CLIP-170-related 59 kDa protein; CLIPR-59
Protein Family	CAP-Gly domain-containing linker protein
UniProt Gene Name	CLIP3
UniProt Synonym Gene Names	CLIPR59; CLIP-170-related 59 kDa protein; CLIPR-59
NCBI Protein Information	CAP-Gly domain-containing linker protein 3
NCBI Summary for CLIP3	This gene encodes a member of the cytoplasmic linker protein 170 family. Members of this protein family contain a cytoskeleton-associated protein glycine-rich domain and mediate the interaction of microtubules with cellular organelles. The encoded protein plays a role in T cell apoptosis by facilitating the association of tubulin and the lipid raft ganglioside GD3. The encoded protein also functions as a scaffold protein mediating membrane localization of phosphorylated protein kinase B. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2010]
UniProt Comments for CLIP3	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.
Research Articles on CLIP3	**1.** this study indicates that inhibition of miRNA-593-3p by insulin promotes glucose metabolism through the regulation of Slc38a1 and CLIP3 expression, and provides a new insight into the role and mechanism of insulin-induced glycolysis.
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