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TMEM150B Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP11399a

Specification

TMEM150B Antibody (N-term) Blocking peptide - Product Information

Primary Accession	A6NC51
Other Accession	NP_001078957.1

TMEM150B Antibody (N-term) Blocking peptide - Additional Information

Gene ID 284417

Other Names
Transmembrane protein 150B, Transmembrane protein 224, TMEM150B, TMEM224

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TMEM150B Antibody (N-term) Blocking peptide - Protein Information

Name TMEM150B (HGNC:34415)

Function
Modulator of macroautophagy that causes accumulation of autophagosomes under basal conditions and enhances autophagic flux (PubMed:25929859). Represses cell death and promotes long-term clonogenic survival of cells grown in the absence of glucose in a macroautophagy-independent manner (PubMed:25929859). May have some role in extracellular matrix engulfment or growth factor receptor recycling, both of which can modulate cell survival (PubMed:25929859).

Cellular Location
Cell membrane; Multi-pass membrane protein. Endosome membrane; Multi-pass membrane protein. Cytoplasmic vesicle, autophagosome membrane; Multi-pass membrane protein. Note=Localizes mainly at the plasma membrane where it concentrates at actin-rich focal adhesions (PubMed:25608530, PubMed:25929859).

Tissue Location

Highly expressed in the colon and lung with comparatively high levels also detectable in the lymph nodes, placenta, duodenum, peripheral blood mononuclear cells and spleen (PubMed:25929859).

TMEM150B Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

TMEM150B Antibody (N-term) Blocking peptide - Images

TMEM150B Antibody (N-term) Blocking peptide - References

Stolk, L., et al. Nat. Genet. (2009) In press :Grimwood, J., et al. Nature 428(6982):529-535(2004)