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MTSS1L Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11190b

Specification

MTSS1L Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q765P7

MTSS1L Antibody (C-term) Blocking peptide - Additional Information

Gene ID 92154

Other Names
MTSS1-like protein, Actin-bundling with BAIAP2 homology protein 1, ABBA-1, MTSS1L

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.

MTSS1L Antibody (C-term) Blocking peptide - Protein Information

Name MTSS2 (HGNC:25094)

Function
Involved in plasma membrane dynamics. Potentiated PDGF- mediated formation of membrane ruffles and lamellipodia in fibroblasts, acting via RAC1 activation (PubMed:14752106). May function in actin bundling (PubMed:14752106).

Cellular Location
Cytoplasm. Cell projection, ruffle. Note=Colocalizes with RAC1 within membrane ruffles.

MTSS1L Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

MTSS1L Antibody (C-term) Blocking peptide - Images

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MTSS1L Antibody (C-term) Blocking peptide - Background

Functions as an E1 enzyme essential for multisubstrates such as ATG8-like proteins and ATG12. Forms intermediate conjugates with ATG8-like proteins (GABARAP, GABARAPL1, GABARAPL2 or MAP1LC3A). PE-conjugation to ATG8-like proteins is essential for autophagy. Also acts as an E1 enzyme for ATG12 conjugation to ATG5 and ATG3 (By similarity).

MTSS1L Antibody (C-term) Blocking peptide - References

Zheng, D., et al. Biochem. Biophys. Res. Commun. 401(4):527-532(2010)Yamagishi, A., et al. J. Biol. Chem. 279(15):14929-14936(2004)