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UBASH3A Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP19175c

Specification

UBASH3A Antibody (Center) Blocking Peptide - Product Information

Primary Accession P57075

UBASH3A Antibody (Center) Blocking Peptide - Additional Information

Gene ID 53347

Other Names
Ubiquitin-associated and SH3 domain-containing protein A, Cbl-interacting protein 4, CLIP4, Suppressor of T-cell receptor signaling 2, STS-2, T-cell ubiquitin ligand 1, TULA-1, UBASH3A, STS2

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.

UBASH3A Antibody (Center) Blocking Peptide - Protein Information

Name UBASH3A

Synonyms STS2

Function
Interferes with CBL-mediated down-regulation and degradation of receptor-type tyrosine kinases. Promotes accumulation of activated target receptors, such as T-cell receptors, EGFR and PDGFRB, on the cell surface. Exhibits negligible protein tyrosine phosphatase activity at neutral pH. May act as a dominant-negative regulator of UBASH3B- dependent dephosphorylation. May inhibit dynamin-dependent endocytic pathways by functionally sequestering dynamin via its SH3 domain.

Cellular Location
Cytoplasm. Nucleus.

Tissue Location
Highest expression of UBASH3A in tissues belonging to the immune system, including spleen, peripheral blood leukocytes, thymus and bone marrow.

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UBASH3A Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

UBASH3A Antibody (Center) Blocking Peptide - Images

UBASH3A Antibody (Center) Blocking Peptide - Background

UBASH3A interferes with CBL-mediated down-regulation and degradation of receptor-type tyrosine kinases. Promotes accumulation of activated target receptors, such as T-cell receptors, EGFR and PDGFRB, on the cell surface.

UBASH3A Antibody (Center) Blocking Peptide - References

Hinks, A., et al. Ann. Rheum. Dis. (2010) In press :Stahl, E.A., et al. Nat. Genet. 42(6):508-514(2010)Jin, Y., et al. N. Engl. J. Med. 362(18):1686-1697(2010)Barrett, J.C., et al. Nat. Genet. 41(6):703-707(2009)Smyth, D.J., et al. N. Engl. J. Med. 359(26):2767-2777(2008)