

TPSAB1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5440c**Specification**

TPSAB1 Antibody (Center) Blocking peptide - Product Information

Primary Accession [O15661](#)
Other Accession [P15157](#), [NP_003285](#)

TPSAB1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 7177

Other Names

Tryptase alpha/beta-1, Tryptase-1, Tryptase I, Tryptase alpha-1, TPSAB1, TPS1, TPS2, TPSB1

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.

TPSAB1 Antibody (Center) Blocking peptide - Protein Information

Name TPSAB1

Synonyms TPS1, TPS2, TPSB1

Function

Tryptase is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type. May play a role in innate immunity. Isoform 2 cleaves large substrates, such as fibronectin, more efficiently than isoform 1, but seems less efficient toward small substrates (PubMed:18854315).

Cellular Location

Secreted. Note=Released from the secretory granules upon mast cell activation.

Tissue Location

Isoform 1 and isoform 2 are expressed in lung, stomach, spleen, heart and skin; in these tissues, isoform 1 is predominant. Isoform 2 is expressed in aorta, spleen, and breast tumor, with highest levels in the endothelial cells of some blood vessels surrounding the aorta, as well as those surrounding the tumor and low levels, if any, in mast cells (at protein level)

TPSAB1 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TPSAB1 Antibody (Center) Blocking peptide - Images