

ITIH1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11682c**Specification**

ITIH1 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P19827](#)**ITIH1 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 3697**Other Names**

Inter-alpha-trypsin inhibitor heavy chain H1, ITI heavy chain H1, ITI-HC1, Inter-alpha-inhibitor heavy chain 1, Inter-alpha-trypsin inhibitor complex component III, Serum-derived hyaluronan-associated protein, SHAP, ITIH1, IGHEP1

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.

ITIH1 Antibody (Center) Blocking peptide - Protein Information**Name** ITIH1**Synonyms** IGHEP1**Function**

May act as a carrier of hyaluronan in serum or as a binding protein between hyaluronan and other matrix protein, including those on cell surfaces in tissues to regulate the localization, synthesis and degradation of hyaluronan which are essential to cells undergoing biological processes.

Cellular Location

Secreted.

ITIH1 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ITIH1 Antibody (Center) Blocking peptide - Images**ITIH1 Antibody (Center) Blocking peptide - Background**

This gene is a member of the type IV, cyclic AMP(cAMP)-specific, cyclic nucleotide phosphodiesterase (PDE) family. Cyclic nucleotides are important second messengers that regulate and mediate a number of cellular responses to extracellular signals, such as hormones, light, and neurotransmitters. The cyclic nucleotide phosphodiesterases (PDEs) regulate the cellular concentrations of cyclic nucleotides and thereby play a role in signal transduction. This gene encodes a protein that specifically hydrolyzes cAMP. Altered activity of this protein has been associated with schizophrenia and bipolar affective disorder. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

ITIH1 Antibody (Center) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Souza, R.P., et al. Int Clin Psychopharmacol 25(5):264-269(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)