BT LAB
Bioassay Technology Laboratory

Optimize Your Research

Enterokinase HC Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02970
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ENTK. AA range:81-130
Mol wt	112924
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Enterokinase HC Antibody
Synonyms	TMPRSS15; ENTK; PRSS7; Enteropeptidase; Enterokinase; Serine protease 7; Transmembrane protease serine 15

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

TMPRSS15 (transmembrane protease, serine 15) encodes an enzyme that converts the pancreatic proenzyme trypsinogen to trypsin, which activates other proenzymes including chymotrypsinogen and procarboxypeptidases. The precursor protein is cleaved into two chains that form a heterodimer linked by a disulfide bond. This protein is a member of the trypsin family of peptidases. Mutations in TMPRSS15 cause enterokinase deficiency, a malabsorption disorder characterized by diarrhea and failure to thrive.

Recommended Dilution

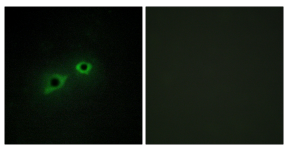
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

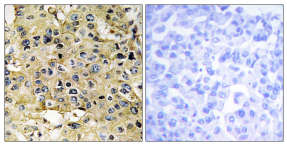
ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HepG2 cells, using ENTK Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using ENTK Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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