

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

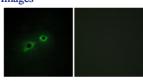
TMPRSS15 (transmembrane protease, serine 15) encodes an enzyme that converts the pancreatic proenzyme trypsinogen to trypsin, which activates other proenzymes including chymotrypsinogen and procarboxypeptidases. The precursor protein is cleaved into two chains that form a heterodimer linked by a disulfide 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

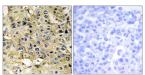
IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 20000

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