



# Enterokinase HC rabbit pAb

Cat No.:ES6844

For research use only

## Overview

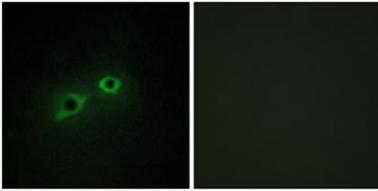
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|---------------------------------|--|
| <b>Product Name</b>             | Enterokinase HC rabbit pAb   |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | IHC;IF;ELISA   |
| <b>Species Cross-Reactivity</b> | Human;Rat;Mouse;   |
| <b>Recommended dilutions</b>    | Immunohistochemistry: 1/100 - 1/300.<br>Immunofluorescence: 1/200 - 1/1000. ELISA:<br>1/20000. Not yet tested in other applications.   |
| <b>Immunogen</b>                | The antiserum was produced against synthesized peptide derived from human ENTK. AA range:81-130  |
| <b>Specificity</b>              | Enterokinase HC Polyclonal Antibody detects endogenous levels of Enterokinase HC protein.  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | Enteropeptidase  |
| <b>Gene Name</b>                | TMPRSS15   |
| <b>Cellular localization</b>    | Membrane ; Single-pass type II membrane protein .  |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Clonality</b>                | Polyclonal   |
| <b>Concentration</b>            | 1 mg/ml  |
| <b>Observed band</b>            |  |
| <b>Human Gene ID</b>            | 5651   |
| <b>Human Swiss-Prot Number</b>  | P98073   |
| <b>Alternative Names</b>        | TMPRSS15; ENTK; PRSS7; Enteropeptidase; Enterokinase; Serine protease 7; Transmembrane protease serine 15  |
| <b>Background</b>               | This gene 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 this gene cause enterokinase deficiency, a malabsorption disorder characterized by diarrhea and failure to thrive. [provided by RefSeq, Jul 2008],

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.

