



# ENTK (light chain, Cleaved-Ile785) rabbit pAb

Cat No.:ES19990

For research use only

## Overview

<b>Product Name</b>	ENTK (light chain, Cleaved-Ile785) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB; ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human ENTK (light chain, Cleaved-Ile785)
<b>Specificity</b>	This antibody detects endogenous levels of Human ENTK (light chain, Cleaved-Ile785, protein was cleaved amino acid sequence between 785-786 )
<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>	ENTK (light chain, Cleaved-Ile785)
<b>Gene Name</b>	TMPRSS15 ENTK PRSS7
<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>	26kD
<b>Human Gene ID</b>	5651
<b>Human Swiss-Prot Number</b>	P98073
<b>Alternative Names</b>	Enteropeptidase (EC 3.4.21.9;Enterokinase;Serine protease 7;Transmembrane protease serine 15) [Cleaved into: Enteropeptidase non-catalytic heavy chain; Enteropeptidase catalytic light chain]
<b>Background</b>	catalytic activity:Activation of trypsinogen by selective cleavage of 6-Lys- -Ile-7 bond.,disease:Defects in PRSS7 are a cause of enterokinase deficiency [MIM:226200]; a





life-threatening intestinal malabsorption disorder characterized by diarrhea and failure to thrive.,function:Responsible for initiating activation of pancreatic proteolytic proenzymes (trypsin, chymotrypsin and carboxypeptidase A). It catalyzes the conversion of trypsinogen to trypsin which in turn activates other proenzymes including chymotrypsinogen, procarboxypeptidases, and proelastases.,PTM:The chains are derived from a single precursor that is cleaved by a trypsin-like protease.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 MAM domain.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 1 SEA domain.,similarity:Contains 1 SRCR domain.,similarity:Contains 2 CUB domains.,similarity:Contains 2 LDL-receptor class A domains.,subunit:Heterodimer of a catalytic (light) chain and a multidomain (heavy) chain linked by a disulfide bond.,tissue specificity:Intestinal brush border.,

