



Anti-TMPRSS15 (aa 361-470) polyclonal antibody (DPAB-DC2517)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	PRSS7 (NP_002763, 361 a.a. ~ 470 a.a) partial recombinant protein with GST tag. The sequence is NDDNEWERIQQSTFSPFTGPNFDHTFGNASGFYISTPTGPGGRQERVGLLSLPLDPTLEP ACLSFWYHMYGENVHKLSINISNDQNMEKTVFQKEGNYGDNWNYGQVTLN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	TMPRSS15 transmembrane protease, serine 15 [Homo sapiens (human)]
Official Symbol	TMPRSS15
Synonyms	TMPRSS15; transmembrane protease, serine 15; ENTK; PRSS7; enteropeptidase; serine protease 7; enterokinase catalytic subunit; protease, serine, 7 (enterokinase);
Entrez Gene ID	5651
Protein Refseq	NP_002763
UniProt ID	P98073
Chromosome Location	21q21.1
Function	scavenger receptor activity; serine-type endopeptidase activity;