

Rabbit anti-Human CELA3B Polyclonal Antibody | anti-CELA3B antibody

CELA3B Antibody (N-term)

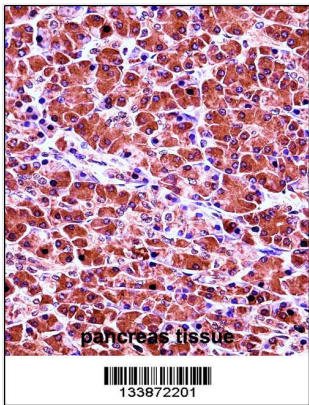
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284092	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

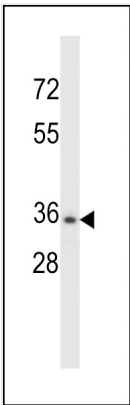
CELA3B; Polyclonal Antibody; CELA3B Antibody (N-term); Chymotrypsin-like elastase family member 3B; Elastase IIIB; Elastase-3B; Protease E; ELA3B; anti-CELA3B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CELA3B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 70-98 amino acids from the N-terminal region of human CELA3B.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	70-98
Sequence Length	270
Applicable Applications for anti-CELA3B antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
CELA3B Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CELA3B Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CELA3B Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the CELA3B antibody detected the CELA3B protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CELA3B antibody	Elastases form a subfamily of serine proteases that hydrolyze many proteins in addition to elastin. Humans have six elastase genes which encode the structurally similar proteins elastase 1, 2, 2A, 2B, 3A, and 3B. Unlike other elastases, elastase 3B has little elastolytic activity. Like most of the human elastases, elastase 3B is secreted from the pancreas as a zymogen and, like other serine proteases such as trypsin, chymotrypsin and kallikrein, it has a digestive function in the intestine. Elastase 3B preferentially cleaves proteins after alanine residues. Elastase 3B may also function in the intestinal transport and metabolism of cholesterol. Both elastase 3A and elastase 3B have been referred to as protease E and as elastase 1, and excretion of this protein in fecal material is frequently used as a measure of pancreatic function in clinical assays.
Product Categories/Family for anti-CELA3B antibody	Cell Biology; Signal transduction
References	Gao, J., et al. Oncol. Rep. 23(6):1683-1692(2010) Teichmann, J., et al. Eur. J. Med. Res. 13(12):563-567(2008) Hahn, J.U., et al. Pancreas 36(3):274-278(2008) Mann, S.T., et al. Eur. J. Med. Res. 13(2):68-72(2008) Vesterhus, M., et al. Diabetes Care 31(2):306-310(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679625
NCBI GeneID	23436
NCBI Accession #	NP_031378.1
NCBI GenBank Nucleotide #	NM_007352.2
UniProt Accession #	P08861; P11423; Q5VU28; Q5VU29; Q5VU30; B2RE44
Molecular Weight	29263
NCBI Official Full Name	chymotrypsin-like elastase family member 3B preproprotein
NCBI Official Synonym Full Names	chymotrypsin-like elastase family, member 3B

NCBI Official Symbol	CELA3B
NCBI Official Synonym Symbols	E1; CBPP; EL-1; ELA3B
NCBI Protein Information	chymotrypsin-like elastase family member 3B
UniProt Protein Name	Chymotrypsin-like elastase family member 3B
UniProt Gene Name	CELA3B
UniProt Synonym Gene Names	ELA3B
UniProt Entry Name	CEL3B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cela3b-antibody-immunohistochemistry-western-blot-elisa/284092>