

Rabbit anti-Human CELA3A Polyclonal Antibody | anti-CELA3A antibody

CELA3A Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287248	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

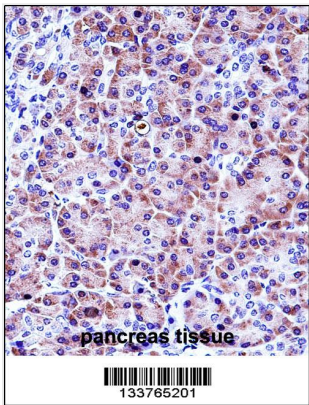
PRODUCT SYNONYMS

CELA3A; Polyclonal Antibody; CELA3A Antibody (Center); Chymotrypsin-like elastase family member 3A; Elastase IIIA; Elastase-3A; Protease E; ELA3; ELA3A; anti-CELA3A antibody

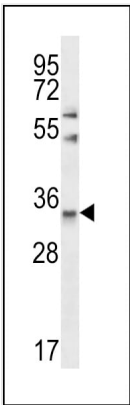
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CELA3A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 157-186 amino acids from the Central region of human CELA3A.
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	157-186
Sequence Length	270
Applicable Applications for anti-CELA3A 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.

IMAGES



IHC (Immunohiostchemistry)
CELA3A Antibody (Center) 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 CELA3A Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CELA3A Antibody (Center) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the CELA3A antibody detected the CELA3A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CELA3A 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 3A has little elastolytic activity. Like most of the human elastases, elastase 3A 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 3A preferentially cleaves proteins after alanine residues. Elastase 3A 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.
Product Categories/Family for anti-CELA3A antibody	Cell Biology; Signal transduction
References	Shimada, S., et al. Int. J. Mol. Med. 10(5):599-603(2002) Shirasu, Y., et al. J. Biochem. 104(2):259-264(1988) Tani, T., et al. J. Biol. Chem. 263(3):1231-1239(1988)

NCBI AND UNIPROT INFORMATION

NCBI GI #	236460050
NCBI GeneID	10136
NCBI Accession #	NP_005738.4
NCBI GenBank Nucleotide #	NM_005747.4
UniProt Accession #	P09093; Q9BRW4; B1AQ53
Molecular Weight	29489
NCBI Official Full Name	chymotrypsin-like elastase family member 3A preproprotein
NCBI Official Synonym Full Names	chymotrypsin-like elastase family, member 3A
NCBI Official Symbol	CELA3A
NCBI Official Synonym Symbols	ELA3; ELA3A

NCBI Protein Information	chymotrypsin-like elastase family member 3A
UniProt Protein Name	Chymotrypsin-like elastase family member 3A
UniProt Gene Name	CELA3A
UniProt Synonym Gene Names	ELA3; ELA3A
UniProt Entry Name	CEL3A_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/cela3a-antibody-immunohistochemistry-western-blot-elisa/287248>