

Rabbit Elastase (3A+3B) Polyclonal Antibody | anti-CELA3B antibody

Elastase (3A+3B) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328884	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Elastase Antibody detects endogenous levels of total Elastase.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	270
Applicable Applications for anti-CELA3B antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human Elastase(3A+3B), corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

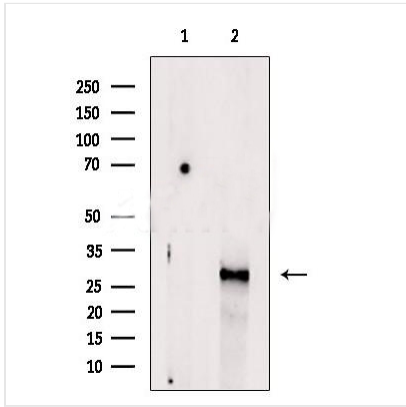
IMAGES



IHC (Immunohistochemisry)
AAA328884 at 1/100 staining Mouse pancreatic tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohiostchemistry)
AAA328884 at 1/100 staining Rat pancreatic tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from RAW264.7 cells, using Elastase(3A+3B). The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CELA3B antibody	Function: Efficient protease with alanine specificity but only little elastolytic activity.
	Tissue Specificity: Pancreas. Not detectable in keratinocytes.
	Similarity: Belongs to the peptidase S1 family. Elastase subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679625
NCBI GeneID	23436
NCBI Accession #	NP_031378
NCBI GenBank Nucleotide #	NP_031378.1
UniProt Accession #	P08861
Molecular Weight	Observed Molecular Weight: (Observed)29kD. Predicted Molecular Weight: (Calculated)29kDa.
NCBI Official Full Name	chymotrypsin-like elastase family member 3B preproprotein

NCBI Official Synonym Full Names	chymotrypsin like elastase 3B
NCBI Official Symbol	CELA3B
NCBI Official Synonym Symbols	CBPP; 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/elastase-3a3b-antibody-western-blot-elisa/328884>