

Rabbit CELA2A Polyclonal Antibody | anti-CELA2A antibody

CELA2A Rabbit pAb

CATALOG # AAA281758	HOST Rabbit	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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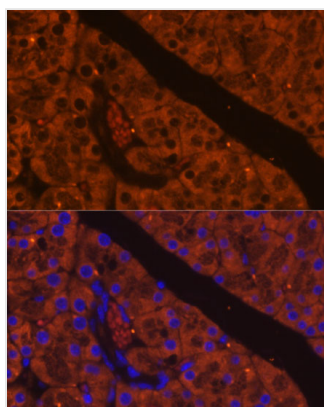
PRODUCT SYNONYMS

CELA2A; Polyclonal Antibody; CELA2A Rabbit pAb; ELA2A; PE-1; anti-CELA2A antibody

PRODUCT SPECIFICATIONS

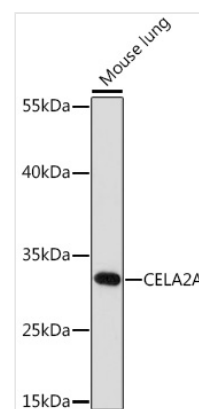
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.
Applicable Applications for anti-CELA2A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross-Reactivity	Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 80-150 of human CELA2A (NP_254275.1).
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded mouse pancreas using CELA2A Rabbit pAb at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of Mouse lung, using CELA2A Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CELA2A 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. Like most of the human elastases, elastase 2A is secreted from the pancreas as a zymogen. In other species, elastase 2A has been shown to preferentially cleave proteins after leucine, methionine, and phenylalanine residues
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119572112
NCBI GeneID	63036
UniProt Accession #	P08217; Q14243; B2R5I4
Molecular Weight	Observed MW:29kDa Calculated MW: 29kDa
NCBI Official Full Name	elastase 2A
NCBI Official Synonym Full Names	chymotrypsin-like elastase family, member 2A
NCBI Official Symbol	CELA2A
NCBI Official Synonym Symbols	PE-1; ELA2A
NCBI Protein Information	chymotrypsin-like elastase family member 2A; elastase 2A; elastase-2A; pancreatic elastase 2; pancreatic elastase IIA
UniProt Protein Name	Chymotrypsin-like elastase family member 2A
UniProt Gene Name	CELA2A
UniProt Synonym Gene Names	ELA2A
UniProt Entry Name	CEL2A_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/cela2a-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/281758>