10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CEL2B Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP5148c

Specification

CEL2B Antibody (Center) Blocking Peptide - Product Information

Primary Accession P08218

CEL2B Antibody (Center) Blocking Peptide - Additional Information

Gene ID 51032

Other Names
Chymotrypsin-like elastase family member 2B, Elastase-2B, CELA2B, ELA2B

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CEL2B Antibody (Center) Blocking Peptide - Protein Information

Name CELA2B

Synonyms ELA2B

Function
Acts upon elastin.

Cellular Location
Secreted.

Tissue Location
Pancreas.

CEL2B Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CEL2B Antibody (Center) Blocking Peptide - Images

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CEL2B Antibody (Center) Blocking Peptide - Background

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 2B is secreted from the pancreas as a zymogen. In other species, elastase 2B has been shown to preferentially cleave proteins after leucine, methionine, and phenylalanine residues.

CEL2B Antibody (Center) Blocking Peptide - References

Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)Szepessy, E., et al. Pancreatology 6 (1-2), 117-122 (2006) Fletcher, T.S., et al. Biochemistry 26(23):7256-7261(1987)