10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

SERPINB11 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18302c

Specification

SERPINB11 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q96P15

SERPINB11 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 89778

Other Names
Serpin B11, SERPINB11

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.

SERPINB11 Antibody (Center) Blocking Peptide - Protein Information

Name SERPINB11

Function
Has no serine protease inhibitory activity, probably due to variants in the scaffold impairing conformational change.

Cellular Location
Cytoplasm.

Tissue Location
Detected in a restricted number of tissues, including lung, placenta, prostate, and tonsil

SERPINB11 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

SERPINB11 Antibody (Center) Blocking Peptide - Images

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SERPINB11 Antibody (Center) Blocking Peptide - Background

SerpinB11 is a serine proteinase inhibitor of the ovalbumin-like B clade of serpins. It was first discovered in human lung and prostate. Little is known about SerpinB11 tissue distribution and function. Splice variants of 305, 278 and 190 amino acids have been reported, with predicted masses of 33.97, 31.6 and 21.1 kDa respectively, and pIs of 8.11, 9.03 and 6.07 respectively. The 305 and 190 amino acid forms share the same aminoterminus as the 392 amino acid form. The 305 amino acid form has a deletion in residues 120-206, of the 392 amino acid form. The 190 amino acid form has a deletion in residues 57-259 relative to the long form. The 278 amino acid form starts at the third methionine, relative to the long form. All four forms contain the reactive center loop of the long form, but it is unknown if the shorter forms are active serpins. The predicted isoelectric points of SerpinB11 are significantly more basic than the other B clade serpins, and suggest a different localization or function for this serpin.