

SERPINB11 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18302c**Specification**

SERPINB11 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q96P15](#)**SERPINB11 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 89778**Other Names**
SerpB11, 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

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 aminotermminus 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.