

SERPINA4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP7455b**Specification**

SERPINA4 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P29622](#)**SERPINA4 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 5267**Other Names**

Kallistatin, Kallikrein inhibitor, Peptidase inhibitor 4, PI-4, Serpin A4, SERPINA4, KST, PI4

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7455b](/products/AP7455b) was selected from the C-term region of human SERPINA4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

SERPINA4 Antibody (C-term) Blocking Peptide - Protein Information**Name** SERPINA4**Synonyms** KST, PI4**Function**

Inhibits human amidolytic and kininogenase activities of tissue kallikrein. Inhibition is achieved by formation of an equimolar, heat- and SDS-stable complex between the inhibitor and the enzyme, and generation of a small C-terminal fragment of the inhibitor due to cleavage at the reactive site by tissue kallikrein.

Cellular Location

Secreted.

Tissue Location

Expressed by the liver and secreted in plasma.

SERPINA4 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SERPINA4 Antibody (C-term) Blocking Peptide - Images

SERPINA4 Antibody (C-term) Blocking Peptide - Background

SERPINA4 inhibits human amidolytic and kininogenase activities of tissue kallikrein. The inhibition is achieved by formation of an equimolar, heat- and SDS-stable complex between the inhibitor and the enzyme, and generation of a small C-terminal fragment of the inhibitor due to cleavage at the reactive site by tissue kallikrein.

SERPINA4 Antibody (C-term) Blocking Peptide - References

Chai K.X., Chen L.-M.J. Biol. Chem. 268:24498-24505(1993)Chai K.X., Ward D.C.Genomics 23:370-378(1994)Zhou G.X., Chao L.J. Biol. Chem. 267:25873-25880(1992)