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

Alpha-1-Antichymotrypsin Antibody (aa222-236)

Goat Polyclonal Antibody
Catalog # ALS16296

Specification

Alpha-1-Antichymotrypsin Antibody (aa222-236) - Product Information

Application	**IHC**
Primary Accession	P01011
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**48kDa KDa**

Alpha-1-Antichymotrypsin Antibody (aa222-236) - Additional Information

Gene ID 12

Other Names
Alpha-1-antichymotrypsin, ACT, Cell growth-inhibiting gene 24/25 protein, Serpin A3, Alpha-1-antichymotrypsin His-Pro-less, SERPINA3, AACT

Target/Specificity
Human SERPINA3.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
Alpha-1-Antichymotrypsin Antibody (aa222-236) is for research use only and not for use in diagnostic or therapeutic procedures.

Alpha-1-Antichymotrypsin Antibody (aa222-236) - Protein Information

Name SERPINA3

Synonyms AACT

Function
Although its physiological function is unclear, it can inhibit neutrophil cathepsin G and mast cell chymase, both of which can convert angiotensin-1 to the active angiotensin-2.

Cellular Location
Secreted.

Tissue Location
Plasma. Synthesized in the liver. Like the related alpha-1-antitrypsin, its concentration increases in the acute phase of inflammation or infection. Found in the amyloid plaques from the hippocampus of Alzheimer disease brains.

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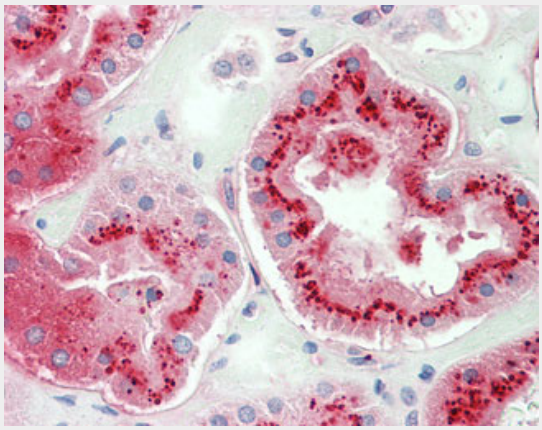
Volume
50 µl

Alpha-1-Antichymotrypsin Antibody (aa222-236) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Alpha-1-Antichymotrypsin Antibody (aa222-236) - Images



Anti- Alpha-1-Antichymotrypsin antibody IHC staining of human kidney.

Alpha-1-Antichymotrypsin Antibody (aa222-236) - Background

Although its physiological function is unclear, it can inhibit neutrophil cathepsin G and mast cell chymase, both of which can convert angiotensin-1 to the active angiotensin-2.

Alpha-1-Antichymotrypsin Antibody (aa222-236) - References

Chandra T.,et al.Biochemistry 22:5055-5061(1983).
Poller W.,et al.Genomics 17:740-743(1993).
Kim J.W.,et al.Submitted (DEC-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.