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alpha 1 Antichymotrypsin Antibody

Rabbit mAb
Catalog # AP91570

Product Information

Application	WB, IHC, IF, ICC, IP, IHF
Primary Accession	P01011
Reactivity	Human
Clonality	Monoclonal
Other Names	SERPINA3; AACT; ACT; Antichymotrypsin; GIG24; GIG25; Serpin A3; SERPINA3;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	47651

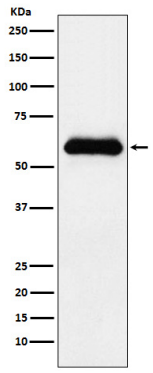
Additional Information

Dilution	WB 1:500~1:1000 IHC 1:100~1:500 ICC/IF 1:50~1:200 IP 1:30
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human alpha 1 Antichymotrypsin
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

Images



Western blot analysis of alpha 1 Antichymotrypsin expression in human plasma lysate.