

alpha 1 Antichymotrypsin Conjugated Antibody

Catalog No: #C49635



Package Size: #C49635-AF350 100ul #C49635-AF405 100ul #C49635-AF488 100ul
 #C49635-AF555 100ul #C49635-AF594 100ul #C49635-AF647 100ul
 #C49635-AF680 100ul #C49635-AF750 100ul #C49635-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	alpha 1 Antichymotrypsin Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SERPINA3 antibody AACT antibody AACT_HUMAN antibody ACT antibody Alpha-1-antichymotrypsin His-Pro-less antibody Antichymotrypsin antibody Cell growth inhibiting gene 24/25 protein antibody Cell growth-inhibiting gene 24/25 protein antibody GIG24 antibody GIG25 antibody Growth inhibiting protein 24 antibody Growth inhibiting protein 25 antibody MGC88254 antibody Serine (or cysteine) proteinase inhibitor clade A (alpha 1 antiproteinase, antitrypsin) member 3 antibody Serine (or cysteine) proteinase inhibitor clade A member 3 antibody Serine proteinase inhibitor clade A member 3 antibody Serpin A3 antibody Serpin family A member 3 antibody Serpin peptidase inhibitor clade A (alpha 1 antiproteinase antitrypsin) member 3 antibody SERPINA3 antibody
Accession No.	Swiss-Prot#:P01011
Uniprot	P01011
GeneID	12;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	60 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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. 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.

Note: This product is for in vitro research use only