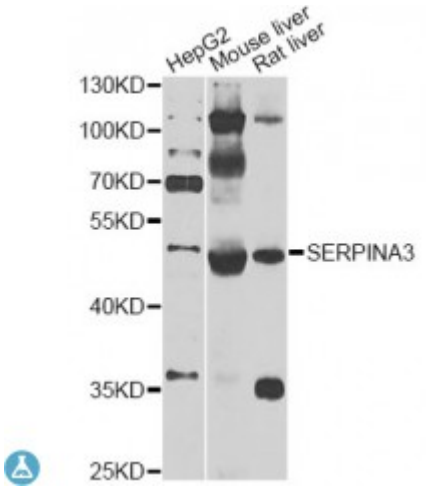
Anti-SERPINA3 Antibody



Description	The protein encoded by this gene is a plasma protease inhibitor and member of the serine protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson disease and chronic obstructive pulmonary disease.

Model	STJ116187
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 24-423 of human SERPINA3 (NP_001076.2).
Gene ID	12
Gene Symbol	SERPINA3
Dilution range	WB 1:200 - 1:1000
Tissue Specificity	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
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Alpha-1-antichymotrypsin ACT Cell growth-inhibiting gene 24/25 protein

	Serpin A3
Molecular Weight	47.651 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:16OMIM:107280Reactome:R-HSA-114608
Alternative Names	Alpha-1-antichymotrypsin ACT Cell growth-inhibiting gene 24/25 protein Serpin A3
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 Localization	Secreted
Post-translational Modifications	N- and O-glycosylated,