

Anti-COL25A1 antibody



Description	Rabbit polyclonal to COL25A1.
Model	STJ92386
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human COL25A1
Immunogen Region	70-150 aa, Internal
Gene ID	84570
Gene Symbol	COL25A1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	COL25A1 Polyclonal Antibody detects endogenous levels of COL25A1 protein.
Tissue Specificity	Expressed predominantly in brain. Deposited preferentially in primitive or neuritic amyloid plaques which are typical of Alzheimer disease.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Collagen alpha-1 XXV chain Alzheimer disease amyloid-associated protein AMY CLAC-P Collagen-like Alzheimer amyloid plaque component CLAC
Molecular Weight	64 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:18603 OMIM:610004
Alternative Names	Collagen alpha-1 XXV chain Alzheimer disease amyloid-associated protein AMY CLAC-P Collagen-like Alzheimer amyloid plaque component CLAC
Function	Inhibits fibrillization of beta amyloid peptide during the elongation phase. Has also been shown to assemble amyloid fibrils into protease-resistant aggregates. Binds heparin.
Cellular Localization	Membrane. After proteolytic cleavage, CLAC is secreted.
Post-translational Modifications	Undergoes proteolytic cleavage by furin protease to yield the soluble collagen-like Alzheimer amyloid plaque component. Glycosylated. Hydroxylated on 11% of proline residues and 49% of lysine residues.

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