Rabbit anti-Human, Mouse CLAC-P (NC3 region) Polyclonal Antibody | anti-COL25A1 antibody

Anti-CLAC-P (NC3 region) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72769	**Rabbit**	**Human, Mouse**	**Western Blot**

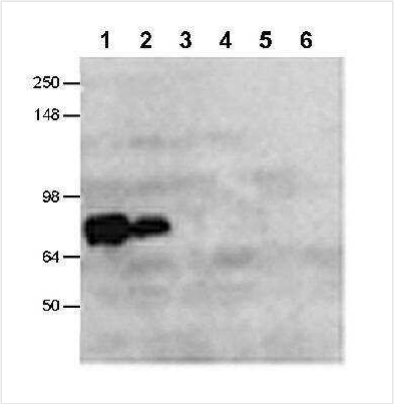
PRODUCT SYNONYMS

CLAC-P (NC3 region); Polyclonal Antibody; Anti-CLAC-P (NC3 region) Antibody; COL25A1; Collagen alpha-1 XXV chain; Alzheimer disease amyloid-associated protein; AMY; Collagen-like Alzheimer amyloid plaque component; anti-COL25A1 antibody

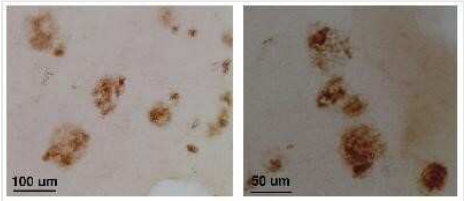
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Reacts with the NC3 region of human and mouse CLAC-P.
Form/Format	Liquid; Antigen Affinity Purified; PBS + 0.02% NaN3
Applicable Applications for anti-COL25A1 antibody	WB (Western Blot)
Immunogen Species	Human
Immunogen	Synthetic peptide corresponding to amino acids from the NC23 region of human CLAC-P
Country of Origin	United States
Preparation and Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term at -20 degree C or -80 degree C, while keeping a working aliquot stored at 4 degree C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year. After date of receipt, stable for at least 1 year at -20 degree C.

IMAGES



WB (Western Blot)
Western Blot of Lane 1: full-length CLAC-P (lysate), Lane 2: secreted form of CLAC-P (media), Lane 3: COLXIII (lysate), Lane 4 degrees COLXIII (media), Lane 5: COLXXIII (lysate), Lane 6: COLXXIII (media) showing specific immunolabeling of Collagen XXV alpha 1.



IHC (Immunohistochemistry)
Immunohistochemistry of the neocortex of Alzheimer's diseased brain sections (floating, fixed with 10% formalin for 24 hrs) showing specific staining of Collagen XXV.

ADDITIONAL INFORMATION

Related Product Information for anti-COL25A1 antibody	CLAC-P (NC3 region) rabbit polyclonal primary antibody from the lab is produced in-house. It detects human and mouse CLAC-P (NC3 region) and is antigen affinity purified. It is great for use in WB. Antibodies against senile plaque (SP) amyloid obtained a clone 9D2, which labeled amyloid fibrils in SPs and reacted with approximately 50/100 kDa polypeptides in Alzheimer's disease (AD) brains. The 9D2 antigen was identified as CLAC (collagen-like Alzheimer amyloid plaque component), and its precursor as CLAC-P/collagen type XXV. Both secreted and membrane-tethered forms of CLAC-P/collagen type XXV specifically bound to fibrillized Abeta, implicating these proteins in beta-amyloidogenesis and neuronal degeneration in AD
Product Categories/Family for anti-COL25A1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	38570073
NCBI GeneID	84570
NCBI Accession #	NP_115907.2
NCBI GenBank Nucleotide #	NM_032518.2
UniProt Accession #	Q9BXS0; Q9BXR9; A8MPZ6
Molecular Weight	64,771 Da
NCBI Official Full Name	collagen alpha-1(XXV) chain isoform 2
NCBI Official Synonym Full Names	collagen, type XXV, alpha 1
NCBI Official Symbol	COL25A1
NCBI Official Synonym Symbols	AMY; CLAC; CLACP; CLAC-P
NCBI Protein Information	collagen alpha-1(XXV) chain; collagen alpha-1(XXV) chain; alzheimer disease amyloid-associated protein; collagenous Alzheimer amyloid plaque component; collagen-like Alzheimer amyloid plaque component
UniProt Protein Name	Collagen alpha-1(XXV) chain
UniProt Gene Name	**COL25A1**
UniProt Synonym Gene Names	AMY; CLAC
UniProt Entry Name	COPA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/clac-p-nc3-region-antibody-western-blot-elisa/72769