

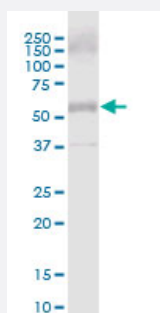
MaxPab®

COL25A1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00084570-B01P

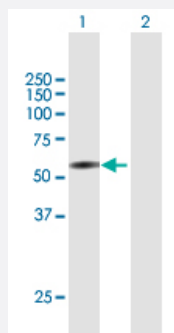
Size 50 ug

Applications



Western Blot (Tissue lysate)

COL25A1 MaxPab polyclonal antibody. Western Blot analysis of COL25A1 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of COL25A1 expression in transfected 293T cell line ([H00084570-T01](#)) by COL25A1 MaxPab polyclonal antibody.

Lane 1: COL25A1 transfected lysate(54.56 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human COL25A1 protein.

Immunogen

COL25A1 (AAH36669.1, 1 a.a. ~ 496 a.a) full-length human protein.

Sequence

MLLKKHAGKGGGREPRSEDPTPAEQHCARTMPPCAVLAALLSVVAVVSCLYLGVKTNDLQARIA
ALESAGAPSIHLLPDTLDHLKTMVQEKVERLLAQKSYEHMAKIRIAREAPSECNCPAGPPGKRG
KRGRRGESGPPGQPGPQGPQGPQKGDKEQGDQGPGRPLGPPGQKGSIGAPGIPGMNGQKGE
PGLPGAVGQNGIPGPKGEPGEQGEKGDAGENGPKGDTGEKGDPGSSAAGIKGEPGESGRPGQ
KGEPGLPGLPGLPGIKGEPGFIGPQGEPLPGLPGTKGERGEAGPPGRGERGEPGAPGPKGKQ
GESGTRGPKGSKGDRGEKGDGAQGPGRPPGQKGDQGATEIIDYNGNLHEALQRITTLTVTGPP
GPPGPQGLQGTEKGEQSGIPGMDGEQGLKGSKGDMGDPGSQWNERRKRRFWNAGSTGSFY
HRPTRPTRSPWPTWPHGTSWTSWTKGSWLRKARRIPGYRWSYGTPWPCRSQRRKR

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Gene Info — COL25A1

Entrez GeneID	84570
GeneBank Accession#	BC036669.2
Protein Accession#	AAH36669.1
Gene Name	COL25A1
Gene Alias	CLAC, CLACP
Gene Description	collagen, type XXV, alpha 1
Omim ID	610004
Gene Ontology	Hyperlink

Gene Summary

COL25A1 is a brain-specific membrane-bound collagen. Proteolytic processing releases CLAC, a soluble form of COL25A1 containing the extracellular collagen domains that associates with senile plaques in Alzheimer disease (AD; MIM 104300) brains (Osada et al., 2005 [PubMed 15615705]).[supplied by OMIM]

Other Designations

OTTHUMP00000196081|OTTHUMP00000196082|collagen-like Alzheimer amyloid plaque component|collagenous Alzheimer amyloid plaque component

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)