

For Research Use Only

Collagen Type XXV Polyclonal antibody

Catalog Number:12738-1-AP



Basic Information

Catalog Number: 12738-1-AP	GenBank Accession Number: BC036669	Purification Method: Antigen affinity purification
Size: 200 ug/ml	GeneID (NCBI): 84570	Recommended Dilutions: WB 1:500-1:1000 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9BXSO	
Isotype: IgG	Full Name: collagen, type XXV, alpha 1	
Immunogen Catalog Number: AG3634	Calculated MW: 65 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue IF/ICC : HeLa cells,
Species Specificity: human, mouse, rat	

Background Information

Collagen alpha-1(XXV) chain is a protein that in humans is encoded by the COL25A1 gene. 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 brains.(PMID: 11927537)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

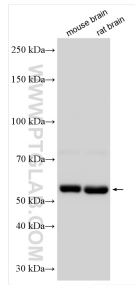
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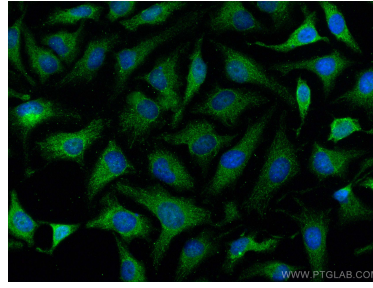
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12738-1-AP (Collagen Type XXV antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Collagen Type XXV antibody (12738-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).