

COL3A1 Polyclonal Antibody

Catalog Number:E-AB-62685

Note: Centrifuge before opening to ensure complete recovery of vial contents.

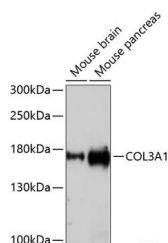
Description

Reactivity	Human,Mouse
Immunogen	Recombinant fusion protein of human COL3A1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Applications Recommended Dilution

WB	1:500-1:2000
IF	1:50-1:200

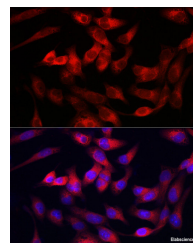
Data



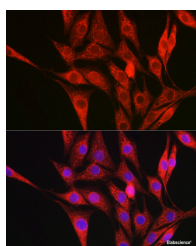
Western blot analysis of extracts of Mouse brain using Collagen III alpha 1/COL3A1 Polyclonal Antibody at 1:1000 dilution.

Observed Mw:200KDa

Calculated Mw:111kDa/138kDa



Immunofluorescence analysis of RD cells using Collagen III alpha 1/COL3A1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using Collagen III alpha 1/COL3A1 Polyclonal antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes the pro-alpha1 chains of type III collagen, a fibrillar collagen that is found in extensible connective tissues such as skin, lung, uterus, intestine and the vascular system, frequently in association with type I collagen.

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Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene.

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