
Product Name: Collagen III alpha 1 Rabbit Monoclonal Antibody**Catalog #: AMRe03288**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.63mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 139 kDa; Observed MW: 150 kDa

Antigen Information

Gene Name	COL3A1
Alternative Names	EDS4A; EDSVASC
Gene ID	1281
SwissProt ID	P02461
Immunogen	Recombinant protein of human Collagen III

Background

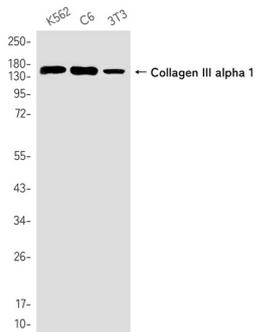
Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of ADGRG1 in the developing brain and binding to ADGRG1 inhibits neuronal migration and

activates the RhoA pathway by coupling ADGRG1 to GNA13 and possibly GNA12.

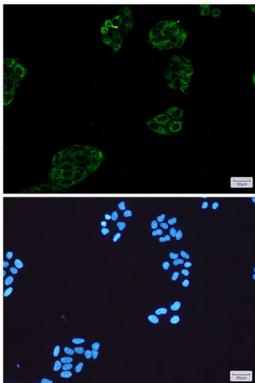
Research Area

Signal Transduction

Image Data



Western blot analysis of Collagen III in K562, C6, 3T3 lysates using Collagen III alpha 1 antibody.



Immunocytochemistry analysis of Collagen III(green) in HeLa using Collagen III antibody, and DAPI(blue)