

Product Name: Collagen III (16I18) Rabbit Monoclonal Antibody
Catalog #: AMRe09213



Summary

Production Name	Collagen III (16I18) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB, ICC/IF, FC, IP
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	COL3A1
Alternative Names	Alpha 1 type III collagen; COL3A1; Collagen III alpha 1 chain precursor; Collagen type III alpha ; EDS4A; Fetal collagen; Type III collagen;
Gene ID	1281.0
SwissProt ID	P02461. Recombinant protein of human Collagen III

Application

Dilution Ratio	WB 1:1000, ICC/IF 1:100, FCM 1:20, IP 1:20
Molecular Weight	139kDa

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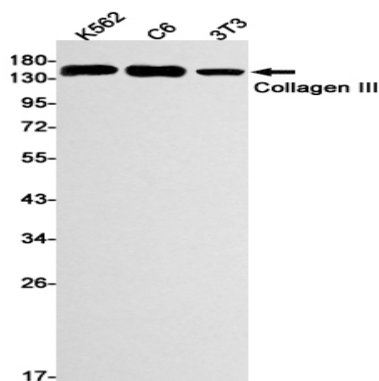


Background

Collagen type III occurs in most soft connective tissues along with type I collagen. 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

Image Data



Western blot detection of Collagen III in K562,C6,3T3 cell lysates using Collagen III antibody(1:1000 diluted).

Note

For research use only.