

Cleaved-COL3A1 (G1221) Polyclonal Antibody

Catalog # AP63125

Product Information

ApplicationWBPrimary AccessionP02461ReactivityHumanHostRabbitClonalityPolyclonalCalculated MW138564

Additional Information

Gene ID 1281

Other Names COL3A1; Collagen alpha-1(III) chain

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name COL3A1

Function 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.

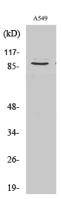
Cellular Location Secreted, extracellular space, extracellular matrix

{ECO:0000255 | PROSITE-ProRule:PRU00793}

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.

Images



Western Blot analysis of various cells using Cleaved-COL3A1 (G1221) Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.