10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Cleaved-COL3A1 (G1221) Polyclonal Antibody
Catalog # AP63125

Specification

Cleaved-COL3A1 (G1221) Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	P02461
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

Cleaved-COL3A1 (G1221) Polyclonal Antibody - 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℃

Cleaved-COL3A1 (G1221) Polyclonal Antibody - 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}

Cleaved-COL3A1 (G1221) Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

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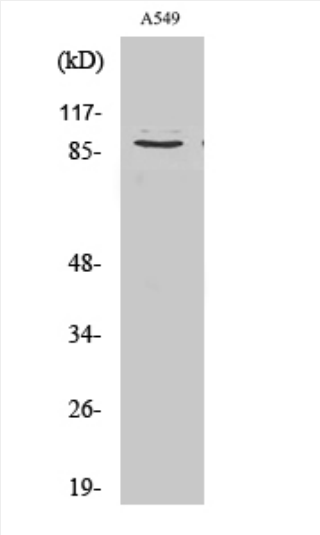
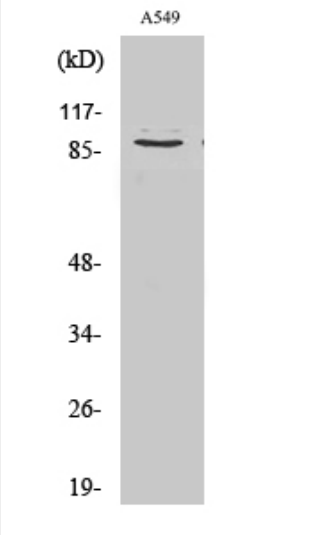
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Cleaved-COL3A1 (G1221) Polyclonal Antibody - Images



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



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

Cleaved-COL3A1 (G1221) Polyclonal Antibody - 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.