

COL4A2 Rabbit pAb

Catalog No.: A7657 **3 Publications**

Basic Information

Observed MW

168kDa

Calculated MW

168kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. The C-terminal portion of the protein, known as canstatin, is an inhibitor of angiogenesis and tumor growth. Like the other members of the type IV collagen gene family, this gene is organized in a head-to-head conformation with another type IV collagen gene so that each gene pair shares a common promoter.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

1284

Swiss Prot

P08572

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1486-1712 of human COL4A2 (NP_001837.2).

Synonyms

ICH; BSVD2; POREN2; COL4A2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

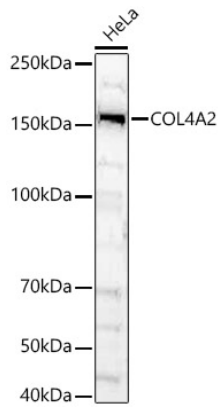
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of HeLa, using COL4A2 Rabbit pAb (A7657) at 1:900 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.