

CO4A2 Rabbit pAb

Catalog Number: bs-7501R

Target Protein: CO4A2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse)

Predicted MW: 25/149 kDa

Entrez Gene: 1284

Swiss Prot: P08572

Source: KLH conjugated synthetic peptide derived from human Collagen alpha-2(IV) chain:
1651-1712/1712.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: CO4A2 is one of the six subunits of type IV collagen, the major structural component of basement membranes. CO4A2 forms a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen and is an inhibitor of angiogenesis and tumor growth.

PRODUCT SPECIFIC PUBLICATIONS

[IF=10.7] Zheng Li. et al. RNA splicing controls organ-wide maturation of postnatal heart in mice. DEV CELL. 2024 Oct 14 IF ; Mouse . 39406241

[IF=3.571] Hu X et al. Selenium-mediated gga-miR-29a-3p regulates LMH cell proliferation, invasion, and migration by targeting COL4A2. Metallomics. 2020 Feb 10. WB ; Chicken . 32039426

[IF=4.074] Yingjun Liu. et al. Comparative bioinformatics analysis between proteomes of rabbit aneurysm model and human intracranial aneurysm with label - free quantitative proteomics. Cns Neurosci Ther. 2021 Jan;27(1):101-112 WB,IHC ; Human, Rabbit . 33389819

[IF=1.794] Gao X et al. Alteration and prognostic values of collagen gene expression in patients with gastric cancer under different treatments. Pathol Res Pract. 2020 Mar;216(3):152831. IHC ; Human . 32005407