

Endostatin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251198

Unit: 0.1 mg

Description:

Collagen alpha-1(XVIII) chain (endostatin) plays a major role in determining the retinal structure as well as in the closure of the neural tube. Endostatin potentially inhibits endothelial cell proliferation and angiogenesis by binding to the heparan sulfate proteoglycans involved in growth factor signaling. Defects in endostatin are a cause of Knobloch syndrome (KNO). KNO is an autosomal recessive disorder defined by the occurrence of high myopia, vitreoretinal degeneration with retinal detachment, macular abnormalities and occipital encephalocele.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

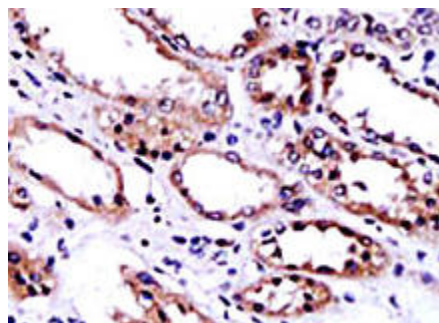
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Endostatin; Collagen alpha-1(XVIII) chain; COL18A1

Accession No.: P39060

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human endostatin.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



Endostatin staining in kidney carcinoma. Formalin-fixed paraffin-embedded human kidney carcinoma tissue is stained with Endostatin Antibody (Cat. No. 251198) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.