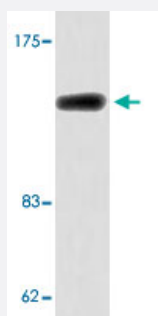


COL4A2 polyclonal antibody

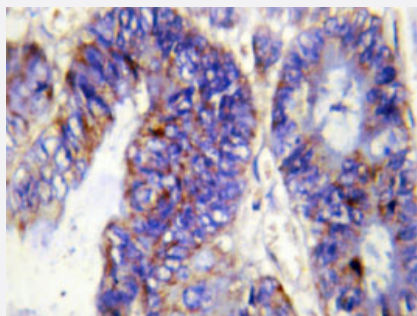
Catalog # PAB26902 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate with COL4A2 polyclonal antibody (Cat # PAB26902).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using COL4A2 polyclonal antibody (Cat # PAB26902).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of COL4A2.
Immunogen	A synthetic peptide corresponding to human COL4A2.
Host	Rabbit
Theoretical MW (kDa)	150
Reactivity	Human, Mouse
Specificity	COL4A2 polyclonal antibody detects endogenous levels of COL4A2 protein.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate with COL4A2 polyclonal antibody (Cat # PAB26902).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using COL4A2 polyclonal antibody (Cat # PAB26902).

- Immunofluorescence

Gene Info — COL4A2

Entrez GeneID	1284
Protein Accession#	P08572
Gene Name	COL4A2
Gene Alias	DKFZp686l14213, FLJ22259
Gene Description	collagen, type IV, alpha 2
Omim ID	120090
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000018700|alpha 2 type IV collagen|canstatin

Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

Disease

- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasm Invasiveness](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostatic Neoplasms](#)