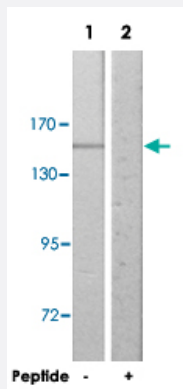


COL4A2 polyclonal antibody

Catalog # PAB17511

Size 100 ug

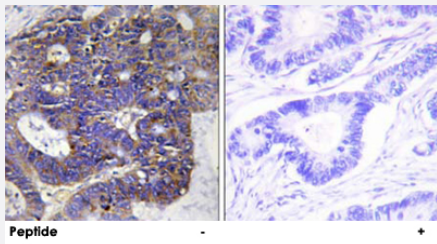
Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from Jurkat cells, using COL4A2 polyclonal antibody (Cat # PAB17511).

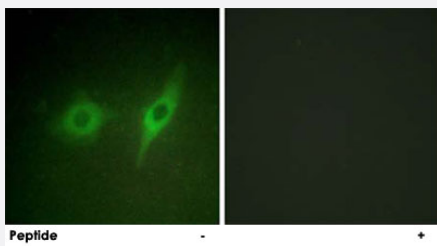
Peptide "+" means "with peptide blocking".



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

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using COL4A2 polyclonal antibody (Cat # PAB17511).

Peptide "+" means "with peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HeLa cells, using COL4A2 polyclonal antibody (Cat # PAB17511).

Peptide "+" means "with peptide blocking".

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of COL4A2.

Immunogen	A synthetic peptide corresponding to internal of human COL4A2.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody detects endogenous levels of total COL4A2 protein.
Form	Liquid
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) Immunofluorescence (1:500-1:1000) ELISA (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	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 extracts from Jurkat cells, using COL4A2 polyclonal antibody (Cat # PAB17511).
Peptide "+" means "with peptide blocking".

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

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using COL4A2 polyclonal antibody (Cat # PAB17511).
Peptide "+" means "with peptide blocking".

- Immunofluorescence

Immunofluorescence analysis of HeLa cells, using COL4A2 polyclonal antibody (Cat # PAB17511).
Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — COL4A2

Entrez GeneID

[1284](#)

Protein Accession#	P08572
Gene Name	COL4A2
Gene Alias	DKFZp686I14213, 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](#)