COL18A1 Antibody

Catalog No: #37548

Orders: order@signalwayantibody.com
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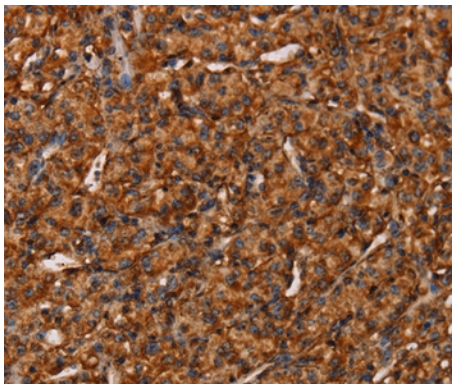
Description

Product Name	COL18A1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total COL18A1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human collagen, type XVIII, alpha 1
Target Name	COL18A1
Other Names	KS; KNO; KNO1
Accession No.	Swiss-Prot#: P39060NCBI Gene ID: 80781Gene Accssion: NP_085059/P39060
Uniprot	P39060
GeneID	80781;
Concentration	2.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

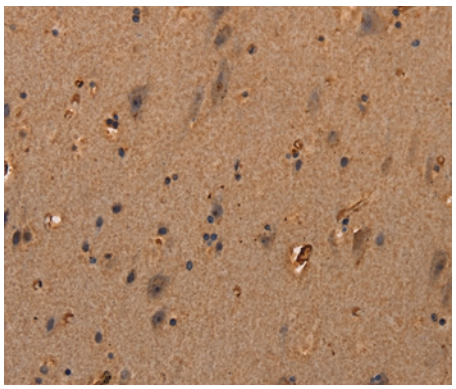
Application Details

Immunohistochemistry: 1:100-1:300

Images



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #37548 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #37548 at dilution 1/40.

Background

This gene encodes the alpha chain of type XVIII collagen. This collagen is one of the multiplexins, extracellular matrix proteins that contain multiple triple-helix domains (collagenous domains) interrupted by non-collagenous domains. The proteolytically produced C-terminal fragment of type XVIII collagen is endostatin, a potent antiangiogenic protein. Mutations in this gene are associated with Knobloch syndrome. The main features of this syndrome involve retinal abnormalities, so type XVIII collagen may play an important role in retinal structure and in neural tube closure. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.?

Note: This product is for in vitro research use only