

COL18A1 antibody

Catalog No: #38287

Package Size: #38287-1 50ul #38287-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

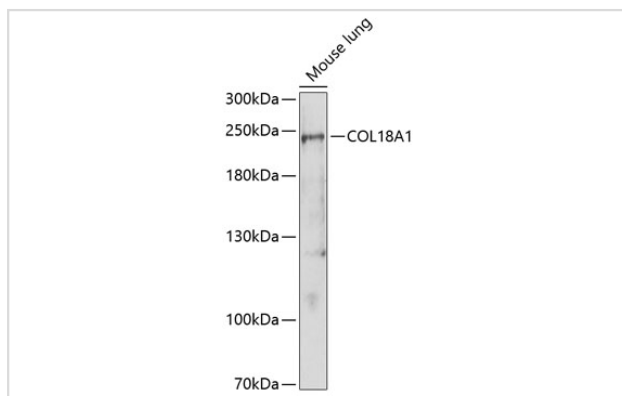
Description

Product Name	COL18A1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Mouse
Specificity	The antibody detects endogenous level of total COL18A1 protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human COL18A1.
Target Name	COL18A1
Other Names	FLJ27325; FLJ34914; KNO; KNO1; KS; MGC74745;
Accession No.	Swiss-Prot#: P39060NCBI Gene ID: 80781
Uniprot	P39060
GeneID	80781;
SDS-PAGE MW	178kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:1000

Images



Western blot analysis of extracts of mouse lung, using COL18A1 at 1:1000 dilution.

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. [provided by RefSeq, Sep 2008]

Note: This product is for in vitro research use only