

Datasheet for ABIN919011

anti-COL4a3 antibody (AA 1571-1670) (AbBy Fluor® 647)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	COL4a3 (COL4A3)
Binding Specificity:	AA 1571-1670
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL4a3 antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Tumstatin
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	COL4a3 (COL4A3)
Alternative Name:	Tumstatin (COL4A3 Products)

Target Details

Background:	Synonyms: Collagen alpha-3IV chain, Alpha 3 type IV collagen, Alpha3 type IV collagen, COL4A3, COL4A3, Collagen IV alpha 3 polypeptide, Collagen type IV alpha 3 Goodpasture antigen, Collagen type IV alpha 3, Goodpasture antigen, OTTHUMP00000195044, Tumstatin, Col4a3, CO4A3_HUMAN. Background: COL4A3 (Collagen, type IV, alpha 3) belongs to the type IV collagen family. Type IV collagen is the major structural component of glomerular basement membranes (GBM), forming a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen. Type IV collagen is a multimeric protein composed of 3 alpha subunits. These subunits are encoded by 6 different genes, alpha 1 through alpha 6, each of which can form a triple helix structure with 2 other subunits to form type IV collagen. Tumstatin, a cleavage fragment corresponding to the collagen alpha 3(IV) NC1 domain, possesses both anti-angiogenic and anti-tumor cell activity.
Gene ID:	1285
Pathways:	Sensory Perception of Sound , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months