antibodies

## Datasheet for ABIN7148235 anti-COL18A1 antibody (AA 1600-1754)





Overview

Quantity:	100 µL
Target:	COL18A1
Binding Specificity:	AA 1600-1754
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL18A1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

## Product Details

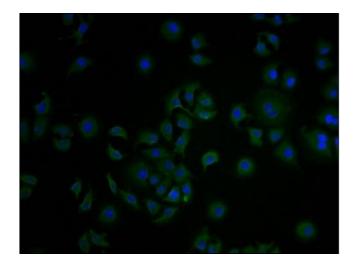
Immunogen:	Recombinant Human Collagen alpha-1(XVIII) chain protein (1600-1754AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	COL18A1
Alternative Name:	COL18A1 (COL18A1 Products)
Background:	Background: COLA18A probably plays a major role in determining the retinal structure as well
	as in the closure of the neural tube.

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UniProt: Application Details Application Notes: Restrictions:	Aliases: Alpha 1 collagen type 18 (XVIII)(COL18A1) antibody, Alpha 1 type XVIII collagen antibody, Antiangiogenic agent antibody, COIA1_HUMAN antibody, COL15A1 antibody, Collagen antibody, Collagen alpha 1(XV) chain antibody, Collagen alpha 1(XVIII) chain antibody, Collagen alpha-1(XV) chain antibody, Collagen type XV proteoglycan antibody, Collagen type XVIII alpha 1 antibody, Collagen XV, alpha 1 polypeptide antibody, Collagen, type XV, alpha 1 antibody, Endostatin antibody, Endostatin XV antibody, FLJ27325 antibody, FLJ34914 antibody, FLJ38566 antibody, KNO antibody, KNO1 antibody, KS antibody, MGC74745 antibody, Multi functional protein MFP antibody, OTTHUMP0000021782 antibody, OTTHUMP00000115472 antibody, OTTHUMP00000115473 antibody P39060 Recommended dilution: IF:1:100-1:500, For Research Use only
Application Details Application Notes:	antibody, Collagen alpha 1(XV) chain antibody, Collagen alpha 1(XVIII) chain antibody, Collagen alpha-1(XV) chain antibody, Collagen type XV proteoglycan antibody, Collagen type XVIII alpha 1 antibody, Collagen XV, alpha 1 polypeptide antibody, Collagen, type XV, alpha 1 antibody, Endostatin antibody, Endostatin XV antibody, FLJ27325 antibody, FLJ34914 antibody, FLJ38566 antibody, KNO antibody, KNO1 antibody, KS antibody, MGC74745 antibody, Multi functional protein MFP antibody, OTTHUMP0000021782 antibody, OTTHUMP00000115472 antibody, OTTHUMP00000115473 antibody P39060 Recommended dilution: IF:1:100-1:500,
Application Details Application Notes:	alpha-1(XV) chain antibody, Collagen type XV proteoglycan antibody, Collagen type XVIII alpha 1 antibody, Collagen XV, alpha 1 polypeptide antibody, Collagen, type XV, alpha 1 antibody, Endostatin antibody, Endostatin XV antibody, FLJ27325 antibody, FLJ34914 antibody, FLJ38566 antibody, KNO antibody, KNO1 antibody, KS antibody, MGC74745 antibody, Multi functional protein MFP antibody, OTTHUMP00000021782 antibody, OTTHUMP00000115472 antibody, OTTHUMP00000115473 antibody P39060 Recommended dilution: IF:1:100-1:500,
Application Details Application Notes:	antibody, Collagen XV, alpha 1 polypeptide antibody, Collagen, type XV, alpha 1 antibody, Endostatin antibody, Endostatin XV antibody, FLJ27325 antibody, FLJ34914 antibody, FLJ38566 antibody, KNO antibody, KNO1 antibody, KS antibody, MGC74745 antibody, Multi functional protein MFP antibody, OTTHUMP00000021782 antibody, OTTHUMP00000115472 antibody, OTTHUMP00000115473 antibody P39060 Recommended dilution: IF:1:100-1:500,
Application Details Application Notes:	Endostatin antibody, Endostatin XV antibody, FLJ27325 antibody, FLJ34914 antibody, FLJ38566 antibody, KNO antibody, KNO1 antibody, KS antibody, MGC74745 antibody, Multi functional protein MFP antibody, OTTHUMP00000021782 antibody, OTTHUMP00000115472 antibody, OTTHUMP00000115473 antibody P39060 Recommended dilution: IF:1:100-1:500,
Application Details Application Notes:	FLJ38566 antibody, KNO antibody, KNO1 antibody, KS antibody, MGC74745 antibody, Multi         functional protein MFP antibody, OTTHUMP00000021782 antibody, OTTHUMP00000115472         antibody, OTTHUMP00000115473 antibody         P39060         Recommended dilution: IF:1:100-1:500,
Application Details Application Notes:	functional protein MFP antibody, OTTHUMP00000021782 antibody, OTTHUMP00000115472 antibody, OTTHUMP00000115473 antibody P39060 Recommended dilution: IF:1:100-1:500,
Application Details Application Notes:	antibody, OTTHUMP00000115473 antibody P39060 Recommended dilution: IF:1:100-1:500,
Application Details Application Notes:	P39060 Recommended dilution: IF:1:100-1:500,
Application Details Application Notes:	Recommended dilution: IF:1:100-1:500,
Application Notes:	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
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,-80 °C



## Immunofluorescence

**Image 1.** Immunofluorescence staining of A549 cells with ABIN7148235 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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