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Datasheet for ABIN669983
anti-COL3 antibody (AA 1301-1400) (Biotin)

Overview

Quantity:	100 µL
Target:	COL3
Binding Specificity:	AA 1301-1400
Reactivity:	Human, Rat, Mouse, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL3 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Collagen alpha 1(III) chain (C-terminal propeptide)
Isotype:	IgG
Specificity:	This antibody is produced with an immunogen contained within the COL1I propeptide region, it will only recognize the full length Collagen III protein and not the mature form.
Cross-Reactivity:	Dog, Human, Mouse, Rabbit, Rat
Predicted Reactivity:	Cow,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	COL3
Alternative Name:	Collagen 3 (COL3 Products)
Background:	Synonyms: EDS4A, Collagen alpha-1(III) chain, COL3A1 Background: Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of GPR56 in the developing brain and binding to GPR56 inhibits neuronal migration and activates the RhoA pathway by coupling GPR56 to GNA13 and possibly GNA12.
Gene ID:	1281
UniProt:	P02461

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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 for 12 months.
Expiry Date:	12 months