

Rabbit anti-Human, Mouse Collagen XI alpha1 Polyclonal Antibody | anti-COL11A1 antibody

Collagen XI alpha1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31109	Rabbit	Human, Mouse	Western Blot, Immunofluorescence, Immunocytochemistry, ELISA

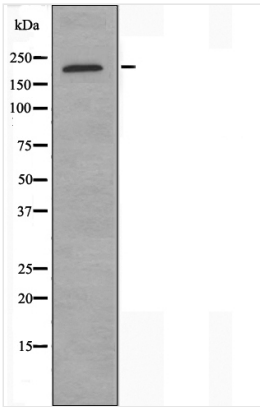
PRODUCT SYNONYMS

Collagen XI alpha1; Polyclonal Antibody; Collagen XI alpha1 Antibody; COBA1_HUMAN; COL11A1; COLL6; Collagen alpha 1; Collagen alpha-1(XI) chain; collagen XI alpha 1; collagen XI; alpha 1 polypeptide; collagen; type XI; alpha 1; STL2; STL3; XI chain precursor; anti-COL11A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Collagen XI alpha 1 Antibody detects endogenous levels of total Collagen XI alpha 1.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-COL11A1 antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide)1:20000-1:40000 *The optimal dilutions should be determined by the end user. IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Immunogen	A synthesized peptide derived from human Collagen XI alpha 1, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt

IMAGES



WB (Western Blot)
Western blot analysis of extracts from K562 cells, using Collagen XI alpha1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COL11A1 antibody	May play an important role in fibrillogenesis by controlling lateral growth of collagen II fibrils.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	299523257
NCBI GeneID	1301
NCBI Accession #	NP_001177638.1
NCBI GenBank Nucleotide #	NM_001190709.1
UniProt Accession #	P12107; Q14034; Q149N0; Q9UIT4; Q9UIT5; Q9UIT6; B1ASK7; D3DT73; E9PCU0
Molecular Weight	181 KD
NCBI Official Full Name	collagen alpha-1(XI) chain isoform E preproprotein
NCBI Official Synonym Full Names	collagen type XI alpha 1 chain
NCBI Official Symbol	COL11A1
NCBI Official Synonym Symbols	STL2; COLL6; CO11A1
NCBI Protein Information	collagen alpha-1(XI) chain
UniProt Protein Name	Collagen alpha-1(XI) chain
UniProt Gene Name	COL11A1
UniProt Synonym Gene Names	COLL6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.