

Rabbit COL6A5 Polyclonal Antibody | anti-COL6A5 antibody

COL6A5 Antibody - C-terminal region

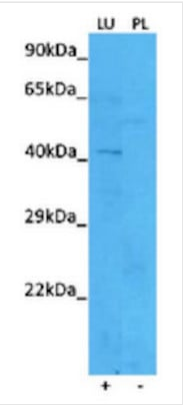
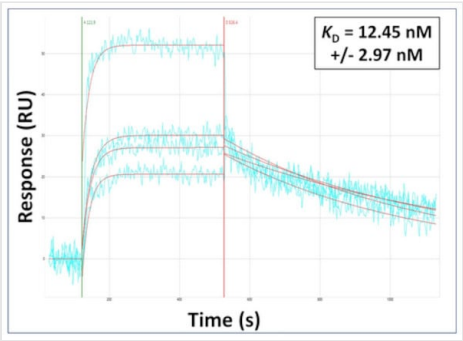
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201387	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit	Western Blot

PRODUCT SYNONYMS

COL6A5; Polyclonal Antibody; COL6A5 Antibody - C-terminal region; anti-COL6A5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: RN VSLRAKCQGY SIFVFSFGPK HNDKELEELA SHPLDHHLVQ LGRTHKPD
Sequence Length	565
Applicable Applications for anti-COL6A5 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 86%; Rabbit: 79%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human COL6A5
Protein Size (# AA)	565 amino acids
Protein Interactions	UBC;
Blocking Peptide	For anti-COL6A5 antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

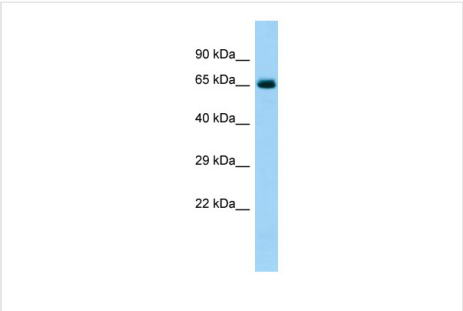


Application Data

Surface Plasmon Resonance Kinetic Characterization of Polyclonal Antibody Affinity. Purified polyclonal antibodies were immobilized on a Protein A/G coated Carterra LSA sensor chip (please inquire) at concentrations of 5, and 50 ug/mL in duplicate. Antibodies on the surface were exposed to interaction with peptides sequentially via microfluidic controlled flow at 333nM peptide concentration for kinetic characterization of the binders for affinity and specificity, followed by curve fitting using the Kinetics software. Kd determinations for both concentrations were averaged and results and standard deviation are shown.

WB (Western Blot)

Host: RabbitTarget: COL6A5Positive control (+): Human Lung (LU)Negative control (-): Human Placenta (PL)Antibody concentration: 1ug/ml



WB (Western Blot)

Host: RabbitTarget Name: COL6A5Sample Type: Fetal Heart lysatesAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-COL6A5 antibody	This is a rabbit polyclonal antibody against COL6A5. It was validated on Western Blot Target Description: The protein encoded by this gene is a collagen that contains N- and C-terminal von Willebrand factor A-like domains. The encoded protein may interact with the alpha 1 and alpha 2 chains of collagen VI to form the complete collagen VI trimer. Sequence polymorphisms in this gene have been linked to atopic dermatitis (eczema). Two transcript variants, one protein-coding and the other probably not protein-coding, have been found for this gene.
Product Categories/Family for anti-COL6A5 antibody	Polyclonal; Cell Adhesion; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	183583553
NCBI GeneID	256076
NCBI Accession #	NP_694996
NCBI GenBank Nucleotide #	NM_153264
UniProt Accession #	A8TX70
Molecular Weight	62kDa
NCBI Official Full Name	collagen alpha-5(VI) chain isoform 2

NCBI Official Synonym Full Names	collagen type VI alpha 5 chain
NCBI Official Symbol	COL6A5
NCBI Official Synonym Symbols	VWA4; COL29A1
NCBI Protein Information	collagen alpha-5(VI) chain
UniProt Protein Name	Collagen alpha-5(VI) chain
UniProt Gene Name	COL6A5
UniProt Synonym Gene Names	COL29A1; VWA4
UniProt Entry Name	CO6A5_HUMAN

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.

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 Online datasheet: <https://www.aaabiotech.com/polyclonal/col6a5-antibody-western-blot-elisa/201387>