

Anti-COL11A1 antibody (260-430) (STJ118005)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

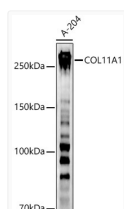
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 181kDa Observed Mw: 252kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

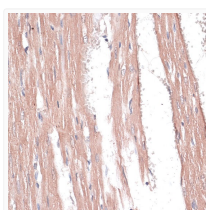
Gene ID	1301
Gene Symbol	COL11A1
UniProt ID	COBA1_HUMAN
Immunogen Region	260-430
Immunogen Sequence	EKKKSNFKKKMRTVATKSKE KSKKFTPPKSEKFSSKKKKS YQASAKAKLGVKANIVDDFQ EYNYGTMESYQTEAPRHVSG TNEPNPVVEEIFTEEYLTGED YDSQRKNSEDTLYENKEIDG RDSDLLVDGDLGEYDFYEEK EYEDKPTSPNNEEFPGVPVPA ETDITETSING
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 260-430 of human COL11A1 (NP_542196.2).

ADDITIONAL INFORMATION

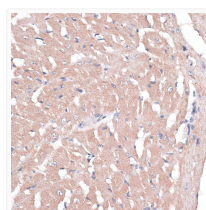
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of A-204, using COL11A1 rabbit polyclonal antibody (STJ118005) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded rat heart using COL11A1 antibody (STJ118005) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse heart using COL11A1 antibody (STJ118005) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.