

PAD195Hu01

Polyclonal Antibody to Collagen Type III Alpha 1 (COL3a1)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[**PRODUCT INFORMATION**]

Immunogen: COL3a1, Human

Clonality: Polyclonal

Host: Rabbit

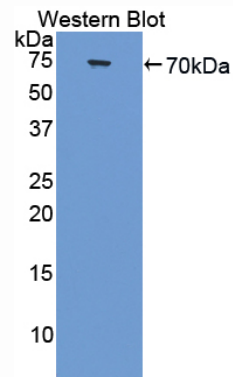
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant COL3a1, Human

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant COL3a1 (Gly1059~Leu1466) expressed in *E.coli*.

Accession No.: RPD195Hu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
KRIEAIQID KYLKSSKYIA WPLQGQWQATF GGGDHPKSD GSTSGSGHHH HHSAGLVPR
GSTAIGMKET AAKFERQHM DSPDLGTLEV LFQGPLGSEF- GK SGRGESGPA
GPAGAPG PAG SRGAPGPQGP RGDKGETGER GAAGIKGHRG FPGNPGAPGS
PGPAGQQGAI GSPGPAGPRG PVGPGSGPPGK DGTSGHPGPI GPPGPRGNRG
ERGSEGPSGH PGQP GPPGPP GAPGPCCGV GAAAIAGIGG EKAGGFAPYY
GDEPMDFKIN TDEIMTSLKS VNGQIESLIS PDGSRKNPAR NCRDLKFCHP ELKSGEYVVD

PNQGCKLDAI KVFCNMETGE TCISANPLNV PRKHWWDSS AEKKHVWFG
SMDGGFQFSY GNPELPEDVL DVHLAFLRLL SSRASQNITY HCKNSIAYMD QASGNVKKAL
KLMGSNEGEF KAEGNSKFTY TVLEDGCTKH TGEWSKTVFE YRTRKAVRLP IVDIAPYDIG
GPDQEFVGDV GPVCFL

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against COL3a1. It has been selected for its ability to recognize COL3a1 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:50-400

Immunocytochemistry in formalin fixed cells: 1:50-500

Immunohistochemistry in formalin fixed frozen section: 1:50-500

Immunohistochemistry in paraffin section: 1:10-100

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.