

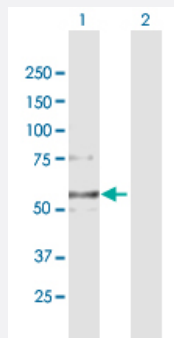
MaxPab®

## COL6A2 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00001292-B02P

Size 50 ug

### Applications



#### Western Blot (Transfected lysate)

Western Blot analysis of COL6A2 expression in transfected 293T cell line ([H00001292-T03](#)) by COL6A2 MaxPab polyclonal antibody.

Lane 1: COL6A2 transfected lysate(47.50 KDa).

Lane 2: Non-transfected lysate.

### Specification

#### Product Description

Mouse polyclonal antibody raised against a full-length human COL6A2 protein.

#### Immunogen

COL6A2 (AAH02484.1, 1 a.a. ~ 425 a.a) full-length human protein.

#### Sequence

MTVRETGCCDCEKRCGALDVVFVIDSSESIGYTNFTLEKNFVINNVNRLGAIKDPKSETGTRV  
GVVQYSHEGTFEAIQLDDEHIDSLSSFKEAVKNLEWIAGGTWTPSALKFAYDRLIKESRRQKTRVF  
AVVITDGRHDPRDDDLNLRALCDRDVTVAIGIGDMFHEKHESENLYSIACDKPQQVRNMTLFSDL  
VAEKFIDDMEDVLCPPDPQIVCPDLPCQTELSVAQCTQRPVDIVFLLDGSERLGEQNFHKARRFVE  
QVARRLTARRDDDLNARVALLQFGGPGEQQVAFPLSHNLTAIHEALETQYLNFSFHVAGGVV  
HAINAMRSPRGGARRHAELSFVFLTDGVTGNDSLHESAHSMRKQNVVPTVLALGSDVDMDVLT  
LSLGDRAAVFHEKDYSLSAQPGFFDRFIRWIC

#### Host

Mouse

#### Reactivity

Human

#### Quality Control Testing

Antibody reactive against mammalian transfected lysate.

#### Storage Buffer

In 1x PBS, pH 7.4

#### Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

## Gene Info — COL6A2

Entrez GeneID [1292](#)

GeneBank Accession# [BC002484.2](#)

Protein Accession# [AAH02484.1](#)

Gene Name COL6A2

Gene Alias DKFZp586E1322, FLJ46862, PP3610

Gene Description collagen, type VI, alpha 2

Omim ID [120240](#) [158810](#) [254090](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes one of the three alpha chains of type VI collagen, a beaded filament collagen found in most connective tissues. The product of this gene contains several domains similar to von Willebrand Factor type A domains. These domains have been shown to bind extracellular matrix proteins, an interaction that explains the importance of this collagen in organizing matrix components. Mutations in this gene are associated with Bethlem myopathy and Ullrich scleroatonic muscular dystrophy. Three transcript variants have been identified for this gene. [provided by RefSeq]

**Other Designations** OTTHUMP00000115569|alpha 2 type VI collagen|collagen VI, alpha-2 polypeptide|collagen alpha-2(VI) chain|human mRNA for collagen VI alpha-2 C-terminal globular domain

## Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)

## Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)