

MaxPab®

COL10A1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001300-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human COL10A1 protein.
Immunogen	COL10A1 (ADR83096.1, 1 a.a. ~ 680 a.a) full-length human protein.
Sequence	MLPQIPFLLLVSLNLVHGVFYAERYQMPTGIKGPLNPTKTQFFIPYTIKSKGIAVRGEQGTGPPGPA GPRGHPGPGSGPPGKPGYGSPLQGEPLGPPGPSAVGKPGVPLPGKPGERGPYGPKGDV GPAGLPGRGPPGPPGIPGAGISVPKPGQQGPTGAPGPRGFPGKEGAPGVPMNGQKGEM GYGAPGRPGERGLPGPQGPTGPSGPPGVGKRGENGVPQGPGIKGDRGFPGEMGPIGPPGPQG PPGERGPEGIGKPGAAGAPGQPGIPGTKGLPGAPGIAGPPGPPGFGKPLPGLKGERGPAGLP GPGAKGEQGPAGLPKPGPLTGPPGNMGPQGPKGIPGSHGLPGPKGETGPAGPAGYPGAKGER GSPGSDGKPGYPGKPGLDGPKGNPGLPGPKGDPGVGGPPGLPGPVGPAGAKGMPGHNGEAG PRGAPGIPGTRGPIGPPGIPGFGSKGDPGSPGPPGPAGIATKGLNGPTGPPGPPGPRGHSSEP GLPGPPGPPGPPGQAVMPEGFIAKAGQRPSLSGTPLVSANQGVTPMPVSAFTVILSKAYPAIGTPIP FDKILYNRQQHYDPRTGIFTCQIPGIYFSYHVHVKGTHVWVGLYKNGTPVMYTYDEYTKGYLDQAS GSAIIDLTENDQVWLQLPNAESNGLYSSEYVHSSFSGFLVAPM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87)
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — COL10A1

Entrez GeneID	1300
GeneBank Accession#	HQ258342.1
Protein Accession#	ADR83096.1
Gene Name	COL10A1
Gene Alias	-
Gene Description	collagen, type X, alpha 1
Omim ID	120110
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the alpha chain of type X collagen, a short chain collagen expressed by hypertrophic chondrocytes during endochondral ossification. Unlike type VIII collagen, the other short chain collagen, type X collagen is a homotrimer. Mutations in this gene are associated with Schmid type metaphyseal chondrodysplasia (SMCD) and Japanese type spondylometaphyseal dysplasia (SMD). [provided by RefSeq]
Other Designations	OTTHUMP00000017049 OTTHUMP00000040411 Schmid metaphyseal chondrodysplasia collagen X, alpha-1 polypeptide type X collagen alpha 1

Disease

- [Genetic Predisposition to Disease](#)
- [Intervertebral Disk Displacement](#)