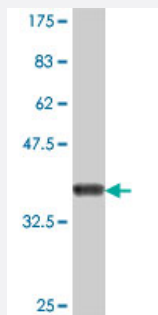# COL5A3 polyclonal antibody (A01)

Catalog #   H00050509-A01   Size   50 uL

Applications

Western Blot detection against Immunogen (35.79 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant COL5A3.
Immunogen	COL5A3 (NP_056534, 157 a.a. ~ 244 a.a) partial recombinant protein with GST tag.
Sequence	EMVTLVADCEAQPPVLGHGPRFISIAGLTVLGTQDLGEKTFEGDIQELLISPDPQAAFQACERYLP DCDNLAPAATVAPQGEPETPRP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (70); Rat (65)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.79 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  [Protocol Download](#)

- ELISA

Gene Info — COL5A3

Entrez GeneID	50509
GeneBank Accession#	NM_015719
Protein Accession#	NP_056534
Gene Name	COL5A3
Gene Alias	-
Gene Description	collagen, type V, alpha 3
Omim ID	120216
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an alpha chain for one of the low abundance fibrillar collagens. Fibrillar collagen molecules are trimers that can be composed of one or more types of alpha chains. Type V collagen is found in tissues containing type I collagen and appears to regulate the assembly of heterotypic fibers composed of both type I and type V collagen. This gene product is closely related to type XI collagen and it is possible that the collagen chains of types V and XI constitute a single collagen type with tissue-specific chain combinations. Mutations in this gene are thought to be responsible for the symptoms of a subset of patients with Ehlers-Danlos syndrome type III. Messages of several sizes can be detected in northern blots but sequence information cannot confirm the identity of the shorter messages. [provided by RefSeq
Other Designations	OTTHUMP00000195993|pro-(alpha)3(V) collagen

Pathway

- [ECM-receptor interaction](#)

- [Focal adhesion](#)