



COL5A2 rabbit pAb

Cat No.:ES4263

For research use only

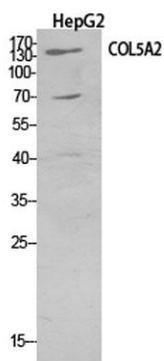
Overview

Product Name	COL5A2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human COL5A2. AA range:1-50
Specificity	COL5A2 Polyclonal Antibody detects endogenous levels of COL5A2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Collagen alpha-2(V) chain
Gene Name	COL5A2
Cellular localization	Secreted, extracellular space, extracellular matrix .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	145kD
Human Gene ID	1290
Human Swiss-Prot Number	P05997
Alternative Names	COL5A2; Collagen alpha-2(V) chain
Background	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.



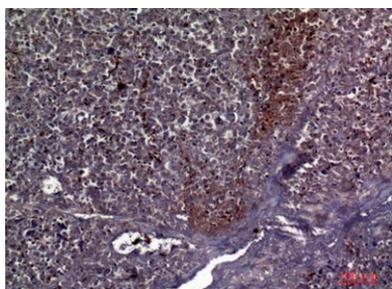


This gene product is closely related to type XI collagen and it is possible that the collagen chains of types V and XI constitute a single collagen type with tissue-specific chain combinations. Mutations in this gene are associated with Ehlers-Danlos syndrome, types I and II. [provided by RefSeq, Jul 2008],

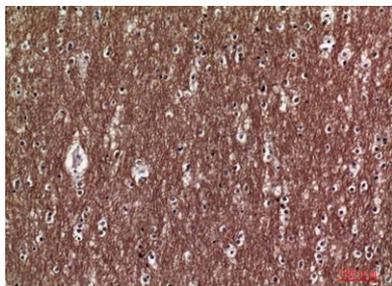


Western Blot analysis of HepG2 cells using COL5A2 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100



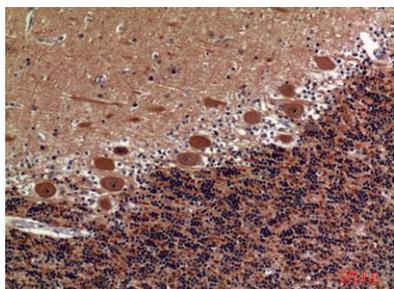
Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100





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Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



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