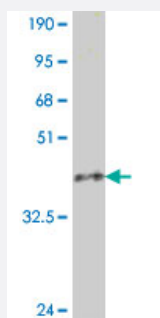


LTBP1 polyclonal antibody (A01)

Catalog # H00004052-A01

Size

Applications



Western Blot detection against Immunogen (36.89 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant LTBP1.
Immunogen	LTBP1 (NP_000618, 403 a.a. ~ 500 a.a) partial recombinant protein with GST tag.
Sequence	CPGGMGYTVSGVHRRRPIHHHVKGKPVFVKPKNTQPVAKSTHPPPLPAKEEPVEALTFSREHGP GVAEPEVATAPPEKEIPSLDQEKTKLEPGQPQLS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (92)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 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 — LTBP1

Entrez GeneID [4052](#)

GeneBank Accession# [NM_000627](#)

Protein Accession# [NP_000618](#)

Gene Name LTBP1

Gene Alias MGC163161

Gene Description latent transforming growth factor beta binding protein 1

Omim ID [150390](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the family of latent TGF-beta binding proteins (LTBP s). The secretion and activation of TGF-betas is regulated by their association with latency-associated proteins and with latent TGF-beta binding proteins. The product of this gene targets latent complexes of transforming growth factor beta to the extracellular matrix, where the latent cytokine is subsequently activated by several different mechanisms. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations TGF-beta1-BP-1

Publication Reference

- [Expression profiling of more than 3500 proteins of MSS-type colorectal cancer by stable isotope labeling and mass spectrometry.](#)

Kang UB, Yeom J, Kim HJ, Kim H, Lee C.

Journal of Proteomics 2012 Jun; 75(10):3050.

Application: WB, Human, CRC tissues

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Aortic Aneurysm](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hepatitis C](#)
- [Laryngeal Neoplasms](#)
- [Liver Cirrhosis](#)
- [Mouth Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Rectal Neoplasms](#)
- [Tobacco Use Disorder](#)