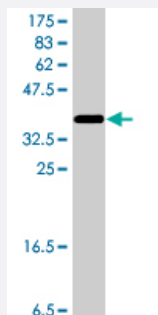


IMP-2 polyclonal antibody (A01)

Catalog # H00010644-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.66 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant IMP-2.
Immunogen	IMP-2 (NP_006539, 65 a.a. ~ 169 a.a) partial recombinant protein with GST tag.
Sequence	HGKIMEVDYSVSKKLRSRKIQIRNIPPHLQWEVLDGLLAQYGTVENVEQVNTDTETAVVNVYATR EEAKIAMEKLSGHQFENYSFKISYIPDEEVSSPSPQRA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.66 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 — IGF2BP2

Entrez GeneID [10644](#)

GeneBank Accession# [NM_006548](#)

Protein Accession# [NP_006539](#)

Gene Name IGF2BP2

Gene Alias IMP-2, IMP2, VICKZ2, p62

Gene Description insulin-like growth factor 2 mRNA binding protein 2

Omim ID [125853 608289](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the IGF-II mRNA-binding protein (IMP) family. The protein encoded by this gene contains several four KH domains and two RRM domains. It functions by binding to the 5' UTR of the insulin-like growth factor 2 (IGF2) mRNA and regulating IGF2 translation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations IGF II mRNA binding protein 2|IGF-II mRNA-binding protein 2|insulin-like 2 growth factor 2-binding protein 2

Publication Reference

- [Post-transcriptional regulation of cyclins D1, D3 and G1 and proliferation of human cancer cells depend on IMP-3 nuclear localization.](#)

Rivera Vargas T, Boudoukha S, Simon A, Souidi M, Cuvelier S, Pinna G, Polesskaya A.

Oncogene 2014 May; 33(22):2866.

Application: IF, WB-Ce, Human, Cal27, Hep3B, HeyA8, HFS, MCF-7, RD, WI38 cells

- [Role of the RNA-binding protein IMP-2 in muscle cell motility.](#)

Boudoukha S, Cuvellier S, Polesskaya A.

Molecular and Cellular Biology 2010 Dec; 30(24):5710.

Application: IF, WB-Ce, WB-Tr, Human, Mouse, C2C12, Fibroblasts, RD cells

Disease

- [Atherosclerosis](#)
- [Birth Weight](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
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- [Glucose Intolerance](#)
- [Glucose Metabolism Disorders](#)
- [HIV Infections](#)
- [Hyperglycemia](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Malnutrition](#)
- [Metabolic Syndrome X](#)

- [Obesity](#)
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- [Starvation](#)
- [Weight Gain](#)
- [Wolfram Syndrome](#)