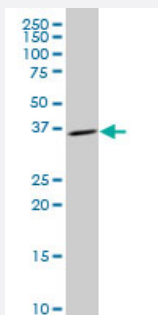


CNN3 polyclonal antibody (A01)

Catalog # H00001266-A01

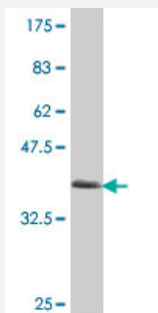
Size 50 uL

Applications



Western Blot (Cell lysate)

CNN3 polyclonal antibody (A01), Lot # 060111JC01 Western Blot analysis of CNN3 expression in HepG2 (Cat # L019V1).



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CNN3.
Immunogen	CNN3 (NP_001830, 230 a.a. ~ 329 a.a) partial recombinant protein with GST tag.
Sequence	DQKLTLQPVDNSTISLQMGTNKVASQKGMSVYGLGRQVYDPKYCAAPTEPVIHNGSQGTGTNGS EISDSYQAEYPDEYHGEYQDDYPRDYQYSDQGIDY
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .

Storage Buffer	50 % glycerol
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Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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Applications

- Western Blot (Cell lysate)

CNN3 polyclonal antibody (A01), Lot # 060111JC01 Western Blot analysis of CNN3 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CNN3

Entrez GeneID	1266
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GeneBank Accession#	NM_001839
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Protein Accession#	NP_001830
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Gene Name	CNN3
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Gene Alias	-
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Gene Description	calponin 3, acidic
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Omim ID	602374
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes a protein with a markedly acidic C terminus; the basic N-terminus is highly homologous to the N-terminus of a related gene, CNN1. Members of the CNN gene family all contain similar tandemly repeated motifs. This encoded protein is associated with the cytoskeleton but is not involved in contraction. [provided by RefSeq]
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Other Designations	calponin 3 calponin, acidic dJ639P13.2.2 (acidic calponin 3)
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Publication Reference

- [Rock-dependent calponin 3 phosphorylation regulates myoblast fusion.](#)

Shibukawa Y, Yamazaki N, Daimon E, Wada Y.

Experimental Cell Research 2012 Dec; 319(5):633.

Application: IP-WB, Mouse, C2C12 mouse myoblasts, satellite cells

- [Calponin 3 Regulates Actin Cytoskeleton Rearrangement in Trophoblastic Cell Fusion.](#)

Shibukawa Y, Yamazaki N, Kumasawa K, Daimon E, Tajiri M, Okada Y, Ikawa M, Wada Y.

Molecular Biology of the Cell 2010 Nov; 21(22):3973.

Application: WB-Ce, WB-Tr, Human, BeWo, HEK 293, BeWo/HEK 293 cells

Disease

- [Tobacco Use Disorder](#)