

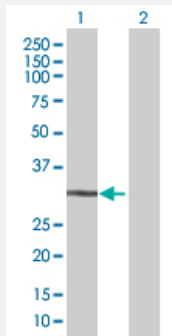
MaxPab®

CNN2 MaxPab mouse polyclonal antibody (B01)

Catalog # H00001265-B01

Size 50 uL

Applications

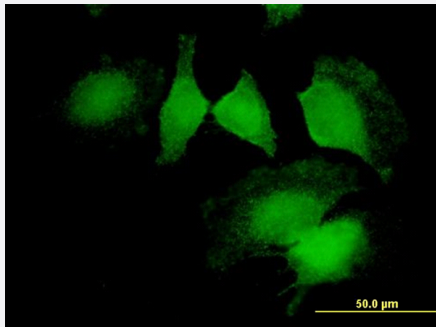


Western Blot (Transfected lysate)

Western Blot analysis of CNN2 expression in transfected 293T cell line ([H00001265-T01](#)) by CNN2 MaxPab polyclonal antibody.

Lane 1: CNN2 transfected lysate(29.7 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CNN2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CNN2 protein.
Immunogen	CNN2 (NP_958434.1, 1 a.a. ~ 270 a.a) full-length human protein.
Sequence	MSSTQFNKGPSYGLSAEVKNRLLSKYDPQKEAELRTWIEGLTGLSIGPDFQKGLKDGTLCTLMNK LQPGSVPKINRSMQNWHLLENLSNFIKAMVSYGMNPVDLFEANDLFESGNMTQVQVSLALAGK MGTNKCASQSGMTAYGTRRHLYDPKNHILPPMDHSTISLQMGTNKCASQVGMTAPGTRRHIYDTK LGTDKCDNSSMSLQMGYTQGANQSGQVFLGRQIYDPKYCPQGTVADGAPSGTGDCPDPEV PEYPPYYQEEAGY
Host	Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (81)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — CNN2

Entrez GeneID	1265
GeneBank Accession#	NM_201277.1
Protein Accession#	NP_958434.1
Gene Name	CNN2
Gene Alias	-
Gene Description	calponin 2
Omim ID	602373
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene, which can bind actin, calmodulin, troponin C, and tropomyosin, may function in the structural organization of actin filaments. The encoded protein could play a role in smooth muscle contraction and cell adhesion. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

calponin H2, smooth muscle|neutral calponin