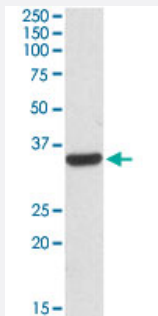


CCN2 polyclonal antibody

Catalog # PAB18723 Size 100 ug

Applications



Western Blot (Cell lysate)

CCN2 polyclonal antibody (Cat # PAB18723) (0.03 ug/mL) staining of HepG2 lysates (35 ug protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CCN2.
Immunogen	A synthetic peptide corresponding to amino acids near C-terminus of human CCN2.
Sequence	C-DPGEVPEYPPYYQEE
Host	Goat
Theoretical MW (kDa)	35
Reactivity	Human
Specificity	This antibody is expected to recognize both reported isoforms (NP_004359.1; NP_958434.1), but it is not expected to cross-react with CCN3.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL

Recommend Usage	ELISA (1:32000) Western Blot (0.03-0.1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

CNN2 polyclonal antibody (Cat # PAB18723) (0.03 ug/mL) staining of HepG2 lysates (35 ug protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CNN2

Entrez GeneID	1265
Protein Accession#	NP_004359.1;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