

Product Datasheet

Calponin 2 Antibody NBP1-36741

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-36741**Calponin 2 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

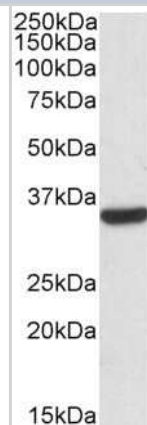
Product Description	
Host	Goat
Gene ID	1265
Gene Symbol	CNN2
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_004359.1; NP_958434.1), but it is not expected to cross-react with CCN3.
Immunogen	Peptide with sequence C-DPGEVPEYPPYYQEE corresponding to internal region (near C-Terminus) according to NP_004359.1, NP_958434.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.1 ug/ml, Immunohistochemistry 2.5 ug/ml, Immunohistochemistry-Paraffin 2.5 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 35 kDa band observed in HepG2 lysates (calculated MW of 33.7 kDa band according to NP_004359.1). Primary incubation was 1 hour. IHC: Paraffin embedded Human Placenta.

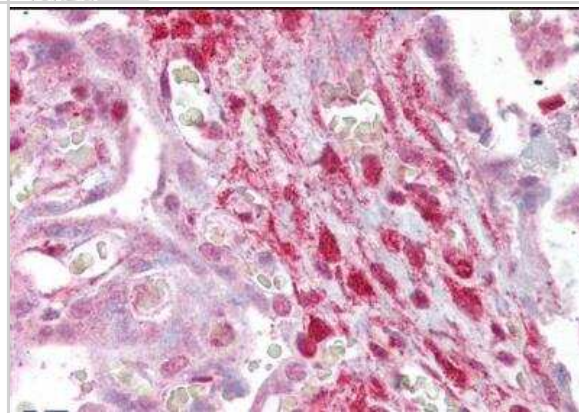


Images

Western Blot: Calponin 2 Antibody [NBP1-36741] - Analysis of Calponin 2 in HepG2 lysates (35ug protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide using this antibody at 0.03 ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: Calponin 2 Antibody [NBP1-36741] - (2.5ug/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Masuda H, Tanaka K, Takagi M et al. Molecular cloning and characterization of human non-smooth muscle calponin. J Biochem 1996-08-01 [PMID: 8889829]



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Products Related to NBP1-36741

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-51593-0.1mg	Recombinant Human Calponin 2 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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