

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 |

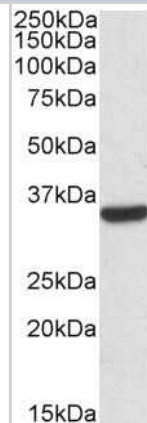
| Product Description | |
|-------------------------|--|
| Description | Novus Biologicals Goat Calponin 2 Antibody (NBP1-36741) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Calponin 2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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-Paraffin, Immunohistochemistry, 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. |

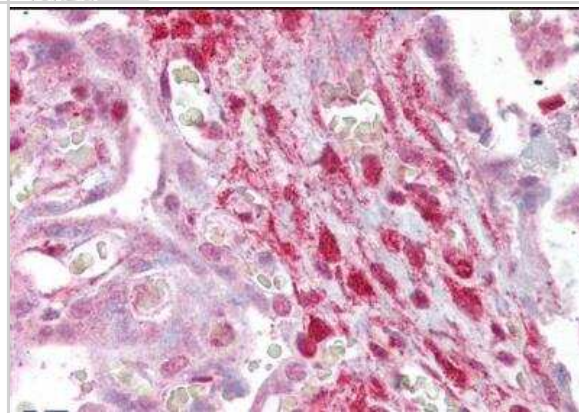


Images

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

| | |
|-----------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| 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 |

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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