

Product Datasheet

Calponin 1 Antibody (CNN1/4227R) NBP3-07589-100ug

Unit Size: 100 ug

Store at 4C.

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Updated 7/16/2024 v.20.1

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NBP3-07589-100ug

Calponin 1 Antibody (CNN1/4227R)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	CNN1/4227R
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	33 kDa

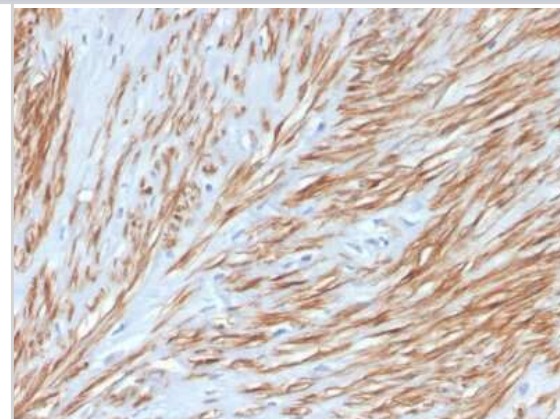
Product Description	
Description	200ug/ml of antibody purified by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08462) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Rabbit
Gene ID	1264
Gene Symbol	CNN1
Species	Human
Marker	Smooth Muscle Marker
Specificity/Sensitivity	Calponin a 33 kDa polypeptide, is a cytoskeleton-associated actin-binding protein that also interacts tropomyosin and calmodulin. Calponin antibody has been found to be useful as a marker for myoepithelial and basal lamina in differentiating microinvasive from in situ ductal carcinomas of the breast. Calponin antibody may also have applications in malignant myoepithelium and pleomorphic adenoma of salivary gland as well as a useful marker for fine needle aspirates of papillary breast lesions. The antibody has been found in tissue extracts from smooth muscle, but not in fibroblast extracts.
Immunogen	Synthetic peptide corresponding to residues on the C-terminus of human Calponin 1 was used as an immunogen. (Uniprot: P51911)

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

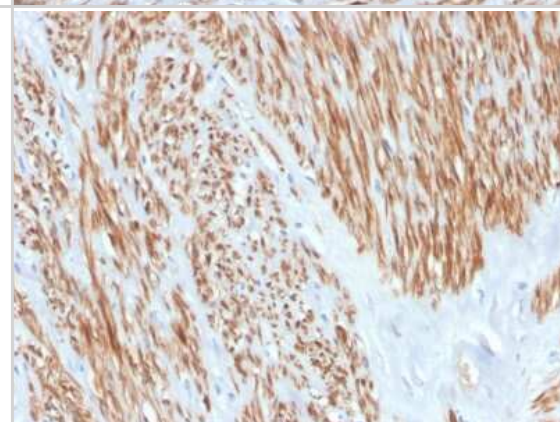


Images

Immunohistochemistry-Paraffin: Calponin 1 Antibody (CNN1/4227R) [NBP3-07589] - Formalin-fixed, paraffin-embedded human leiomyosarcoma stained with Calponin 1 Rabbit Recombinant Monoclonal Antibody (CNN1/4227R).



Immunohistochemistry-Paraffin: Calponin 1 Antibody (CNN1/4227R) [NBP3-07589] - Formalin-fixed, paraffin-embedded human leiomyosarcoma stained with Calponin 1 Rabbit Recombinant Monoclonal Antibody (CNN1/4227R).





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Products Related to NBP3-07589-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-98945-100ug	Recombinant Human Calponin 1 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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