

Product Datasheet

Calpain 2 Antibody NBP2-15675

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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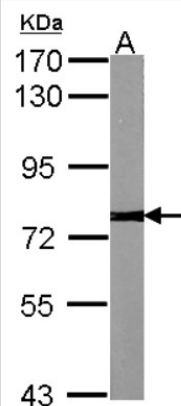


NBP2-15675**Calpain 2 Antibody**

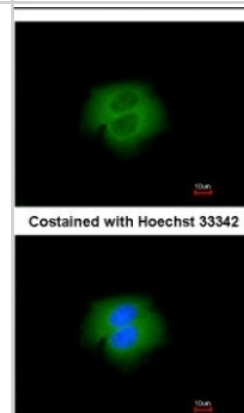
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	80 kDa
Product Description	
Host	Rabbit
Gene ID	824
Gene Symbol	CAPN2
Species	Human, Mouse
Reactivity Notes	Rat (89%), Chicken (85%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Calpain 2. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Flow Cytometry 1:10 - 1:1000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

Images

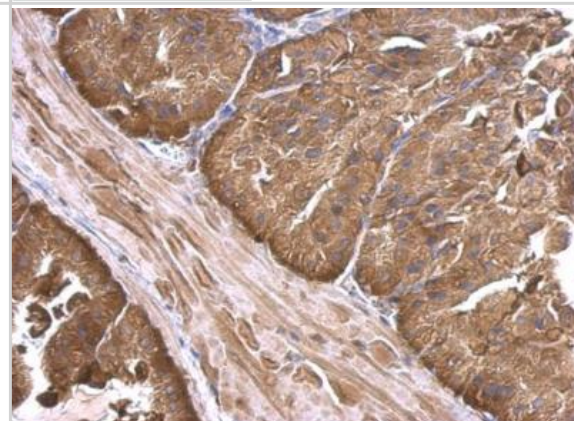
Western Blot: Calpain 2 Antibody [NBP2-15675] - Sample (30 ug of whole cell lysate) A: NIH-3T3 7. 5% SDS PAGE gel, diluted at 1:1000.



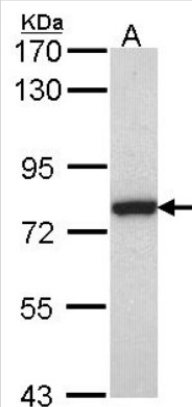
Immunocytochemistry/Immunofluorescence: Calpain 2 Antibody [NBP2-15675] - Immunofluorescence analysis of paraformaldehyde-fixed A431, using antibody at 1:200 dilution.



Immunohistochemistry-Paraffin: Calpain 2 Antibody [NBP2-15675] - Paraffin-embedded mouse prostate. Calpain 2 antibody [N2C1], Internal dilution: 1:500.



Western Blot: Calpain 2 Antibody [NBP2-15675] - Sample (30 ug of whole cell lysate) A: JurKat 7. 5% SDS PAGE gel, diluted at 1:1000.



Publications

Zuo J, Hu Z, Liu T et al. Calpeptin attenuates cigarette smoke-induced pulmonary inflammation via suppressing calpain/I κ Ba signaling in mice and BEAS-2B cells. Pathology - Research and Practice Aug 1 2018 12:00AM [PMID: 30078403] (WB, ICC/IF, Mouse)

Li Y, Liu C, Li B et al. Electrical stimulation activates calpain 2 and subsequently upregulates collagens via the integrin β 1/TGF- β 1 signaling pathway Cell. Signal. Mar 30 2019 12:00AM [PMID: 30940604] (WB, Mouse)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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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