

Product Datasheet

TIP120A Antibody (5D7) - Azide and BSA Free H00055832-M01

Unit Size: 0.1 mg

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

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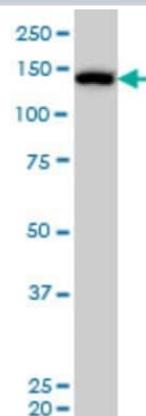
H00055832-M01

TIP120A Antibody (5D7) - Azide and BSA Free

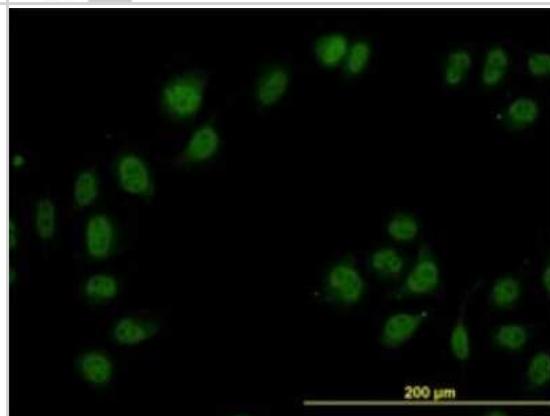
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5D7
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	55832
Gene Symbol	CAND1
Species	Human
Specificity/Sensitivity	CAND1 - cullin-associated and neddylation-dissociated 1
Immunogen	CAND1 (NP_060918, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MASASYHISNLLLEKMTSSDKDFRFMATNDLMTELQKDSIKLDDDSERKVVKMIL KLLLEDKNGEVQNLAVKCLGPLVSKVKEYQVETIVDTLCTNMLSDKE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Sandwich ELISA
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.

Images

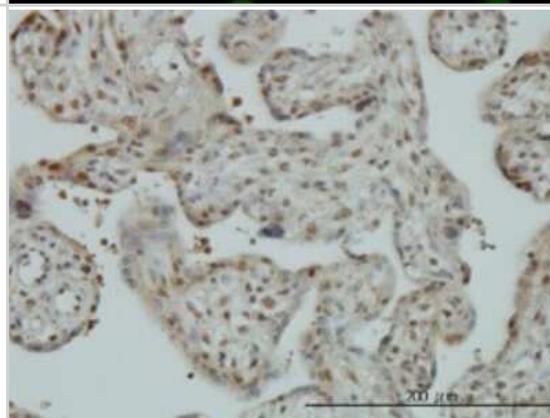
Western Blot: TIP120A Antibody (5D7) [H00055832-M01] - CAND1 monoclonal antibody (M01), clone 5D7 Analysis of CAND1 expression in HeLa S3 NE.



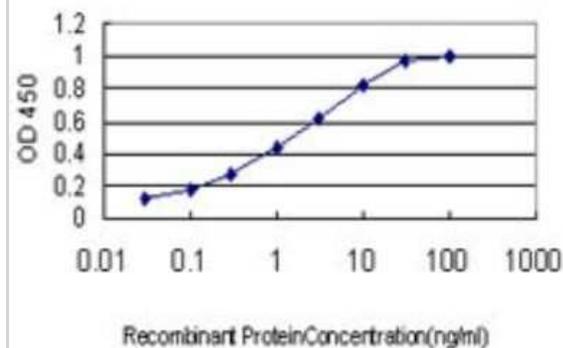
Immunocytochemistry/Immunofluorescence: TIP120A Antibody (5D7) [H00055832-M01] - Analysis of monoclonal antibody to CAND1 on HeLa cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: TIP120A Antibody (5D7) [H00055832-M01] - Analysis of monoclonal antibody to CAND1 on formalin-fixed paraffin-embedded human placenta. Antibody concentration 3 ug/ml.



Sandwich ELISA: TIP120A Antibody (5D7) [H00055832-M01] - Detection limit for recombinant GST tagged CAND1 is approximately 0.03ng/ml as a capture antibody.



Publications

Che Z, Liu F, Zhang W et al. Targeting CAND1 promotes caspase-8/RIP1-dependent apoptosis in liver cancer cells. *Am J Transl Res* 2018-05-15 [PMID: 29887951]

Rulina AV, Mittler F, Obeid P et al. Distinct outcomes of CRL-Nedd8 pathway inhibition reveal cancer cell plasticity. *Cell Death Dis* 2016-12-01 [PMID: 27906189]

Korzeniewski N, Hohenfellner M, Duensing S. CAND1 Promotes PLK4-Mediated Centriole Overduplication and Is Frequently Disrupted in Prostate Cancer. *Neoplasia*. 2012-09-01 [PMID: 23019411]

Mao X, Gluck N, Chen B et al. COMMD1 (copper metabolism MURR1 domain-containing protein 1) regulates Cullin RING ligases by preventing CAND1 (Cullin-associated Nedd8-dissociated protein 1) binding. *J Biol Chem*. 2011-09-01 [PMID: 21778237] (WB, Human)





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
nb-customerservice@bio-techne.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: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00055832-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-56630PEP	TIP120A Recombinant Protein Antigen

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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