

Product Datasheet

PCBP1 Antibody (1G2) - Azide and BSA Free H00005093-M01

Unit Size: 50 ug

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

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H00005093-M01

PCBP1 Antibody (1G2) - Azide and BSA Free

Product Information

Unit Size	50 ug
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	1G2
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5093
Gene Symbol	PCBP1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 23285117).
Specificity/Sensitivity	PCBP1 (1G2)
Immunogen	PCBP1 (AAH39742, 181 a.a. ~ 280 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. IPYQPM PASSPVICAGGQDRCSDAAGYPHATHDLEGPPPLDAYSIQQGQHTISPLD LAKLNQVARQQSHFAMMHGGTGFAGIDSSSPEVKGYWASLDASTQT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

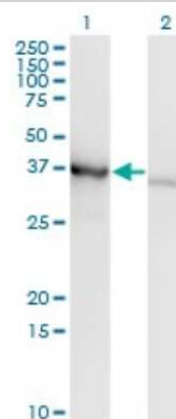
Product Application Details

Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1-5 ug/mL, ELISA, Immunocytochemistry/ Immunofluorescence 10ug/mL

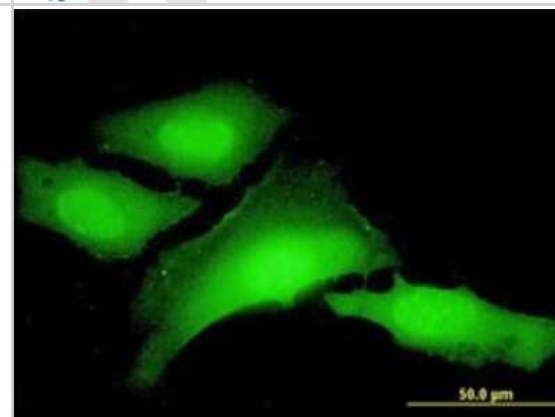


Images

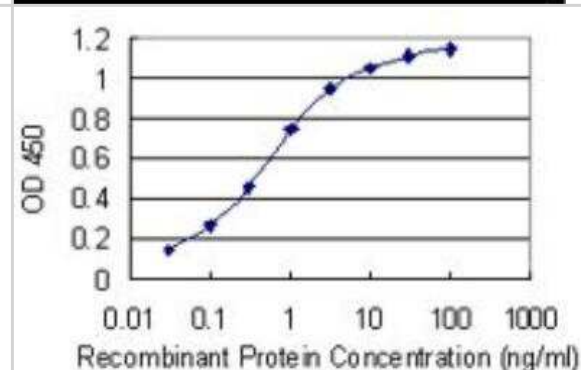
Western Blot: PCBP1 Antibody (1G2) [H00005093-M01] - Analysis of PCBP1 expression in transfected 293T cell line by PCBP1 monoclonal antibody (M01), clone 1G2. Lane 1: PCBP1 transfected lysate(37.5 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: PCBP1 Antibody (1G2) [H00005093-M01] - Analysis of monoclonal antibody to PCBP1 on HeLa cell . Antibody concentration 10 ug/ml.



ELISA: PCBP1 Antibody (1G2) [H00005093-M01] - Detection limit for recombinant GST tagged PCBP1 is 0.03 ng/ml as a capture antibody.



Publications

Simon G, Cecile F, Clemence O et al. TGF β -induced expression of long noncoding lincRNA Platr18 controls breast cancer axonogenesis. *Life Sci Alliance*. 2021-11-22 [PMID: 34810279]

Woosley AN, Dalton AC, Hussey GS et al. TGF β promotes breast cancer stem cell self-renewal through an ILEI/LIFR signaling axis. *Oncogene*. 2019-01-28 [PMID: 30692635]

Howley BV, Link LA, Grelet S et al. A CREB3-regulated ER-Golgi trafficking signature promotes metastatic progression in breast cancer. *Oncogene* 2017-12-18 [PMID: 29249802]

Link LA, Howley BV, Hussey GS, Howe PH PCBP1/HNRNP E1 Protects Chromosomal Integrity by Translational Regulation of CDC27. *Mol Cancer Res* 2016-07-01 [PMID: 27102006]

Song Q, Sheng W, Zhang X et al. ILEI drives epithelial to mesenchymal transition and metastatic progression in the lung cancer cell line A549. *Tumour Biol*. 2013-09-27 [PMID: 24072492]

Hussey GS, Link LA, Brown AS et al. Establishment of a TGF β -Induced Post-Transcriptional EMT Gene Signature *PLoS One* 2012-01-01 [PMID: 23285117] (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
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 H00005093-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-23340	Recombinant Human PCBP1 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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