

Product Datasheet

14-3-3 eta Antibody (3G12) - BSA Free NBP1-92691

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-92691

14-3-3 eta Antibody (3G12) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3G12
Preservative	5mM Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	28 kDa

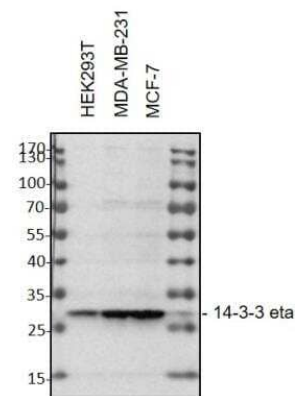
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse 14-3-3 eta Antibody (3G12) - BSA Free (NBP1-92691) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-14-3-3 eta Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7533
Gene Symbol	YWHAH
Species	Human, Mouse, Rat, Bovine, Canine, Equine
Immunogen	Full length recombinant human 14-3-3 eta expressed in and purified from E.coli [UniProt# Q04917].

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:5000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000, Knockout Validated
Application Notes	This 14-3-3 eta (3G12) antibody is useful for Immunocytochemistry/Immunofluorescence, immunohistochemistry, and Western blot, where a band can be seen at approximately 28 kDa. Knockout validation (PMID: 31640562).

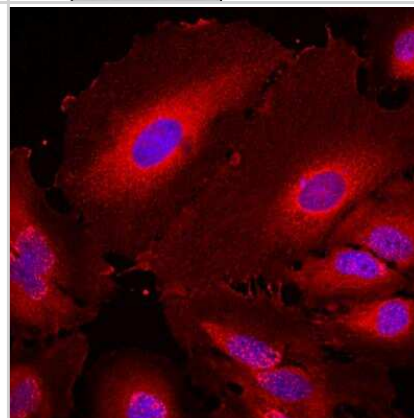


Images

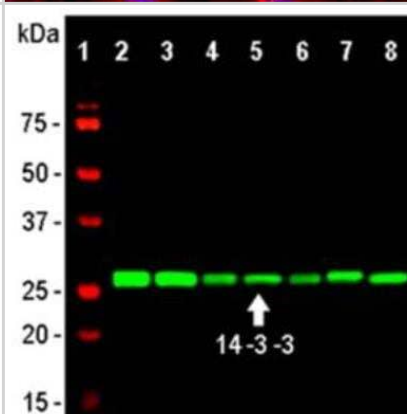
Western Blot: 14-3-3 eta Antibody (3G12) [NBP1-92691] - HEK293T, MDA-MB-231 and MCF-7 whole cell lysates, 30 ug/lane. 10% SDS-PAGE. Antibody at 1:1000, 4C overnight. WB image submitted by a verified customer review.



Immunocytochemistry/Immunofluorescence: 14-3-3 eta Antibody (3G12) [NBP1-92691] - Analysis of HeLa cells stained with mouse mAb to 14.3.3, NBP1-92691, dilution 1:1,000 in red. Blue is DAPI staining of nuclear DNA. The NBP1-92691 antibody reveals the diffuse cytoplasmic distribution of 14.3.3 protein with higher concentration in the perinuclear region.



Western Blot: 14-3-3 eta Antibody (3G12) [NBP1-92691] - analysis of neural tissue and cell lysates using Mouse mAb against 14-3-3n (green). [1] protein standard, [2] Rat whole brain, [3] Mouse whole brain, [4] NIH/3T3, [5] Hek293, [6] HeLa, [7] SH-SY5Y, [8] C6 cells.



Publications

Trimova G, Yamagata K, Iwata S et al. Tumour necrosis factor alpha promotes secretion of 14-3-3n by inducing necroptosis in macrophages *Arthritis Res. Ther.* 2020-02-12 [PMID: 32051018] (ICC/IF, Human)

Eisa AA *ROLE OF 14-3-3 ETA AND EPSILON IN GAMETOGENESIS* Thesis (WB, Mouse)

Eisa AA, De S, Detwiler A et al. YWHA (14-3-3) protein isoforms and their interactions with CDC25B phosphatase in mouse oogenesis and oocyte maturation *BMC Dev. Biol.* 2019-10-22 [PMID: 31640562] (WB, KO, 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 NBP1-92691

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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