

Product Datasheet

beta-Actin Antibody [HRP] NB600-532H

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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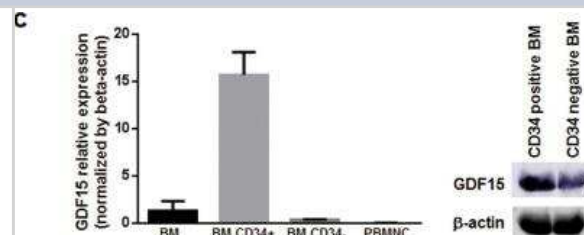
NB600-532H

beta-Actin Antibody [HRP]

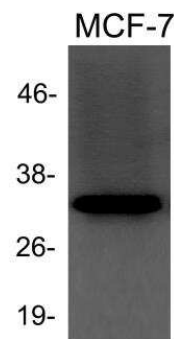
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Conjugate	HRP
Purity	Immunogen affinity purified
Buffer	PBS
Target Molecular Weight	42 kDa
Product Description	
Host	Rabbit
Gene ID	60
Gene Symbol	ACTB
Species	Human, Mouse
Reactivity Notes	Based on 100% sequence identity, this antibody is predicted to react with Rat, X. tropicalis, Chicken, Sheep, Bovine, Dog, Horse, Rabbit, Guinea pig, Pig, Golden hamster, Orangutan, and Chimpanzee.
Immunogen	This beta-Actin Antibody maps to a region corresponding to the N-terminus of human Beta Actin. [UniProt# P60709]
Notes	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Product Application Details	
Applications	ICC/IF (Negative), Immunoprecipitation (Negative)
Recommended Dilutions	Immunoprecipitation (Negative), ICC/IF (Negative)
Application Notes	This antibody is useful for Western Blot. A 40 kDa band is detected in HeLa whole cell lysate and mouse NIH3T3 cells. This antibody is also useful for immunocytochemistry/immunofluorescence. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

Images

Western Blot: beta-Actin Antibody [HRP] [NB600-532H] - (c) GDF15 expression levels were analyzed with beta actin as an endogenous control, and are presented relative to those in BM cells. GDF15 protein levels were higher in CD34-positive than in CD34-negative BM cells. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/srep36758>) licensed under a CC-BY license.



Western Blot: beta-Actin Antibody [HRP] [NB600-532H] - Beta Actin Antibody [HRP] [NB600-532H] - Analysis of Beta Actin in MCF-7 cell lysate (20 ug) using anti-Beta Actin antibody. WB image submitted by a verified customer review.



Publications

Hanafi D Investigating STYK1 and GPER, Potential Therapeutic Targets for Ovarian Cancer Thesis 2023-01-01

Increased plasma VEGF levels following ischemic preconditioning are associated with downregulation of miRNA-762 and miR-3072-5p Sci Rep, 2016-12-01;6(0):36758. 2016-12-01 [PMID: 27905554]

Pozzi E, Giorgio E, Mancini C et al In vitro dexamethasone treatment does not induce alternative ATM transcripts in cells from Ataxia-Telangiectasia patients Sci Rep 2020-11-20 [PMID: 33214630]

Details:

Citation using the HRP version of this antibody.

Hosoyama T, Samura M, Kudo T et al. Cardiosphere-derived cell sheet primed with hypoxia improves left ventricular function of chronically infarcted heart. Am J Transl Res. 2015-12-15 [PMID: 26885271]

Details:

This citation used the HRP version of this antibody.

Samura M, Morikage N, Suehiro K et al. Combinatorial Treatment with Apelin-13 Enhances the Therapeutic Efficacy of a Preconditioned Cell-Based Therapy for Peripheral Ischemia. Sci Rep. 2016-01-14 [PMID: 26763337] (WB, Mouse)



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Products Related to NB600-532H

NBP2-24891H	Rabbit IgG Isotype Control [HRP]
NB600-532B	beta-Actin Antibody [Biotin]
NB600-503PEP	beta-Actin Antibody Blocking Peptide
U-100H-10M	Ubiquitin [Unconjugated]

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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