

Product Datasheet

ID4 Antibody - Azide and BSA Free H00003400-B01P

Unit Size: 0.05 mg

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

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H00003400-B01P

ID4 Antibody - Azide and BSA Free

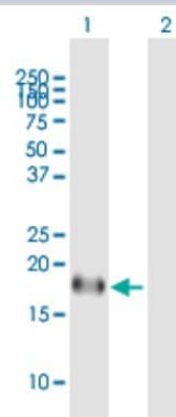
Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	3400
Gene Symbol	ID4
Species	Human, Mouse
Specificity/Sensitivity	ID4 - inhibitor of DNA binding 4, dominant negative helix-loop-helix protein,
Immunogen	ID4 (NP_001537, 1 a.a. - 161 a.a.) full-length human protein. MKAVSPVRPSGRKAPSGCGGGELALRCLAEHGHSLGGSAAAAAAAAAAARCKA AEAAADEPALCLQCDMNDYCYSRLRRLVPTIPPNNKKVSKVEILQHVIDYILDQLA LETHPALLRQPPPPAPPHPAGTCPAAPPRTPLTALNTDPAGAVNKQGDSILC R
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control. ICC/IF usage reported in scientific literature (PMID: 25778840).

Images

Western Blot: ID4 Antibody [H00003400-B01P] - Analysis of ID4 expression in transfected 293T cell line by ID4 polyclonal antibody. Lane 1: ID4 transfected lysate(17.71 KDa). Lane 2: Non-transfected lysate.



Publications

Ishikura Y, Yabuta Y, Ohta H et al. In Vitro Derivation and Propagation of Spermatogonial Stem Cell Activity from Mouse Pluripotent Stem Cells. Cell Rep 2017-12-06 [PMID: 27926879]

Oatley MJ, Kaucher AV, Racicot KE, Oatley JM. Inhibitor of DNA binding 4 is expressed selectively by single spermatogonia in the male germline and regulates the self-renewal of spermatogonial stem cells in mice. Biol Reprod. 2011-05-04 [PMID: 21543770]

Sharma P, Chinaranagari S, Chaudhary J. Inhibitor of differentiation 4 (ID4) acts as an inhibitor of ID-1, -2 and -3 and promotes basic helix loop helix (bHLH) E47 DNA binding and transcriptional activity. Biochimie. 2015-03-13 [PMID: 25778840] (ICC/IF, Human)





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Products Related to H00003400-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
H00003400-P01-10ug	Recombinant Human ID4 GST (N-Term) 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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