

Product Datasheet

ID2 Antibody - BSA Free NBP1-88630

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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NBP1-88630

ID2 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

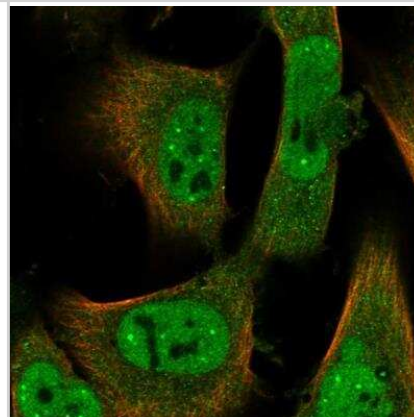
Product Description	
Host	Rabbit
Gene ID	3398
Gene Symbol	ID2
Species	Human, Mouse
Reactivity Notes	Reactivity in mouse reported in scientific literature (PMID: 23063798).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids:MEILQHVIDYILDQLALDSHPTIVSLHHQRPQGNQASRTPLTTLNTDISILSLQASEFPSELMSNDSKALCG

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

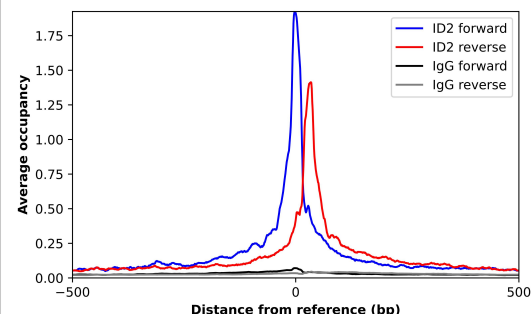


Images

Immunocytochemistry/Immunofluorescence: ID2 Antibody [NBP1-88630]
 - Staining of human cell line U-251 MG shows localization to nucleoplasm, nuclear bodies & cytosol. Antibody staining is shown in green.



ChIP-Exo-Seq composite graph for Anti-ID2 (NBP1-88630) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Publications

Liu Y, Harmelink C, Peng Y et al. CHD7 interacts with BMP R-SMADs to epigenetically regulate cardiogenesis in mice. *Hum Mol Genet* 2014-04-15 [PMID: 24293546] (WB, Mouse)

Harmelink C, Peng Y, DeBenedittis P et al. Myocardial Mycn is essential for mouse ventricular wall morphogenesis. *Dev Biol* 2013-01-01 [PMID: 23063798]



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Products Related to NBP1-88630

NBP1-88630PEP	ID2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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