

# Product Datasheet

## ID2 Antibody - BSA Free NBP2-27194

Unit Size: 0.1 mg

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

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**NBP2-27194**

ID2 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

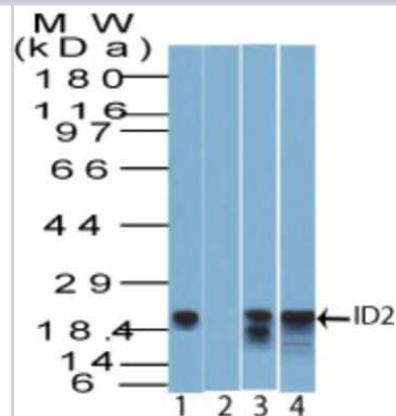
Product Description	
Host	Rabbit
Gene ID	3398
Gene Symbol	ID2
Species	Human, Rat, Bovine, Chicken, Equine, Hamster, Primate
Reactivity Notes	The amino acid sequence used as immunogen is 100% homologous in White-cheeked Gibbon, Macaque, Golden Hamster, 89% in New World Monkey, Chicken, and 83% in Opossum.
Immunogen	A portion of amino acids 60-110 of human ID2 was used as the immunogen for this antibody.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1-2ug/ml, Immunocytochemistry/ Immunofluorescence reported by customer review

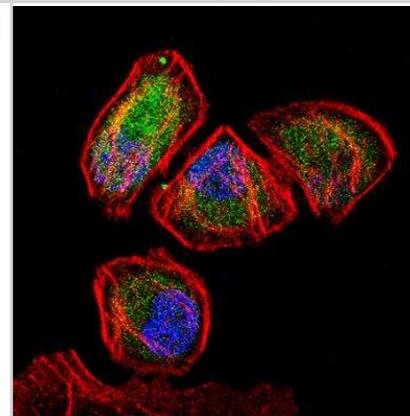


## Images

Western Blot: ID2 Antibody [NBP2-27194] - Analysis using ID2 antibody. Lysate from human brain in the 1) absence and 2) presence of immunizing peptide, 3) mouse and 4) rat brain probed with ID2 antibody at 2 ug/ml. Goat anti-rabbit Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Immunocytochemistry/Immunofluorescence: ID2 Antibody [NBP2-27194] - IF Confocal analysis of A549 cells using ID2 antibody (NBP2-27194, 1:5). An Alexa Fluor 488-conjugated Goat to rabbit IgG was used as secondary antibody (green). Actin filaments were labeled with Alexa Fluor 568 phalloidin (red). DAPI was used to stain the cell nuclei (blue). Image from verified customer review.



## Publications

Su X, Ying J, Xiao D et al. Activin A rescues preterm brain injury through a novel Noggin/BMP4/Id2 signaling pathway International Journal of Molecular Medicine 2022-12-14 [PMID: 36524372] (Western Blot, Immunocytochemistry/Immunofluorescence)

Goldstein BJ, Goss GM, Choi R et al. Olfactory basal stem cells: contribution of Polycomb group proteins to renewal in a novel c-Kit+ culture model and in vivo. Development 2016-10-27 [PMID: 27789621]



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### **Products Related to NBP2-27194**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23139	Recombinant Human ID2 His Protein

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### **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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