

Product Datasheet

IGBP1 Antibody - BSA Free

NB100-487

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 3

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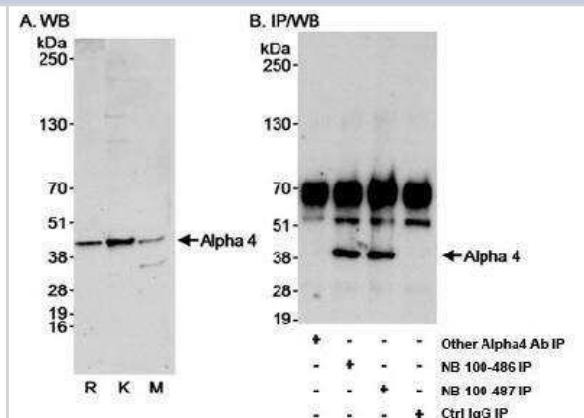
Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Target Molecular Weight	39 kDa

Product Description	
Description	Novus Biologicals Rabbit IGBP1 Antibody - BSA Free (NB100-487) is a polyclonal antibody validated for use in WB and IP. Anti-IGBP1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3476
Gene Symbol	IGBP1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 300 and the C-terminus (residue 339) of human Protein Phosphatase 2A, regulatory subunit alpha-4 (Immunoglobulin binding protein 1) using the numbering given in SwissProt entry P78318 (GeneID 3476).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunoprecipitation 2-5 ug/mg lysate
Application Notes	Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Suggested starting dilutions are as follows. Western Blot: 1:1,000 to 1:10,000. Immunoprecipitation: 2 to 5 ug/mg lysate. Histo/Cytochemistry: not tested. In some cases, the antibody may be diluted further than indicated.

Images

Immunoprecipitation: IGBP1 Antibody [NB100-487] - Detection of Alpha-4 by Western Blot and Immunoprecipitation. Samples: A. Whole cell lysate (50 mcg) from Ramos (R), K562 (K) and mouse NIH3T3 (M) cells. B. Whole cell lysate (1 mg/IP; 1/4 of IP reaction loaded/lane) from Ramos cells. Antibodies: NB 100-487 used at 0.4 mcg/ml (A) and 1 mcg/ml (B) for WB at 3 mcg/mg lysate for IP. Alpha-4 was also immunoprecipitated by NB 100-486, but not by another Alpha-4 antibody, which are both affinity purified antibodies to upstream epitopes on Alpha-4. Detection: Chemiluminescence with an exposure time of 30 seconds (A and B).



Publications

Chen L, Lai Y, Zhu X et al. The role of specific PP2A complexes in the dephosphorylation of gamma-H2AX. J Cell. Sci. 2014-09-18 [PMID: 25236601]

LeNoue-Newton M, Watkins GR, Zou P et al. The E3 ubiquitin ligase- and protein phosphatase 2A (PP2A)-binding domains of the Alpha4 protein are both required for Alpha4 to inhibit PP2A degradation. J Biol Chem 2011-05-01 [PMID: 21454489]

Collison A, Hatchwell L, Verrills N et al. The E3 ubiquitin ligase midline 1 promotes allergen and rhinovirus-induced asthma by inhibiting protein phosphatase 2A activity. Nat Med 2013-02-01 [PMID: 23334847] (IP, Human)





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Products Related to NB100-487

NB800-PC1	HeLa Whole Cell Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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