

# Product Datasheet

## DIP13B Antibody - Azide and BSA Free H00055198-B01P

Unit Size: 0.05 mg

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

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### Publications: 5

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**H00055198-B01P**

DIP13B 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)

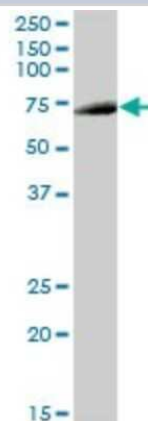
Product Description	
Description	Novus Biologicals Mouse DIP13B Antibody - Azide and BSA Free (H00055198-B01P) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-DIP13B Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	55198
Gene Symbol	APPL2
Species	Human, Mouse, Rat
Specificity/Sensitivity	APPL2 - adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 2,
Immunogen	APPL2 (AAH33731.1, 1 a.a. - 664 a.a.) full-length human protein. MPAVDKLLLEEALQDSPQTRSLLSVFEEDAGTLTDYTNQLLQAMQRVYGAQNE MCLATQQLSKQLLAYEKQNFALGKGDDEEVISTLHYFSKVDELNLLHTELAQQL ADTMVLPPIIQFREKDLTEVSTLKDLFGLASNEHDLMAKYSRLPKKKENEKVKT EVGKEVAAARRKQHLSSLQYYCALNALQYRKQMAMMEPMIGFAHGQINFFKK GAEMFSKRMDSFSSVADMVQSIQVELEAEAEKMRVSQQEELLSVDES VYTPD SDVAAPQINRNLIQKAGYLNLRNKTGLVTTTWERLYFFFTQGGNLMCQPRGAVA GGLIQDLNCSVMAVDCEDRRYCFQITTPNGKSGIILQAESRKENEWICAINNI SRQIYLTDNPEAVAIAIKLNQALQAVTPITSFGKKQESSCPSQNLKNSEMENEND KIVPKVTASLPEAEELIAPGTPIQFDIVLPATEFLDQNRGSRRTNPFGETEDESFP EAEDSLLQQMFIVRFLGSMVAVKTDSTTEVIYEAMRQVLAARAIHNIFRMTESHL MVTSQLRLIDPQTQVSRANFELTSVTQFAAHQENKRLVGFVIRVPESTGEEESL STYIFESNSEGEKICYAINLGKEIIEVQKDPEALALMLSIPLTNDGKYVLLNDQP DDDDGNPNEHRGAESA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control. It is also useful for immunofluorescence.

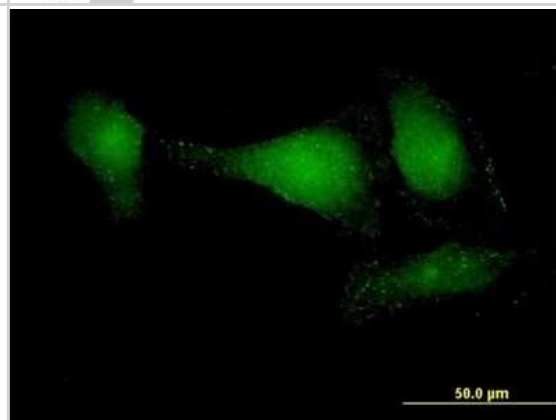


## Images

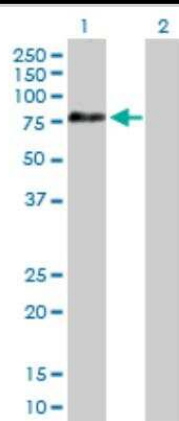
Western Blot: DIP13B Antibody [H00055198-B01P] - Analysis of APPL2 expression in rat brain.



Immunocytochemistry/Immunofluorescence: DIP13B Antibody [H00055198-B01P] - Analysis of purified antibody to APPL2 on HeLa cell. (antibody concentration 10 ug/ml)



Western Blot: DIP13B Antibody [H00055198-B01P] - Analysis of DIP13B expression in transfected 293T cell line by DIP13B MaxPab polyclonal antibody. Lane 1: DIP13B transfected lysate (73.04 KDa). Lane 2: Non-transfected lysate.



## Publications

Kostopoulou N, Bellou S, Bagli E et al. Embryonic stem cells are devoid of macropinocytosis, a trafficking pathway for activin A in differentiated cells *J Cell Sci* 2021-07-28 [PMID: 34313314]

Nikoleta K, Sofia B, Eleni B et al. Embryonic stem cells are devoid of macropinocytosis, a trafficking pathway for activin a in differentiated cells. *J Cell Sci.* 2021-07-12 [PMID: 34114624]

Wang B, Li A, Li X et al. Activation of hypothalamic RIP-Cre neurons promotes beiging of WAT via sympathetic nervous system. *EMBO Rep* 2018-02-21 [PMID: 29467283]

Dadson K, Kovacevic V, Rengasamy P et al. Cellular, structural and functional cardiac remodelling following pressure overload and unloading. *Int J Cardiol* 2016-04-23 [PMID: 27140334]

Cleasby ME, Lau Q, Polkinghorne E et al. The adaptor protein APPL1 increases glycogen accumulation in rat skeletal muscle through activation of the PI3-kinase signalling pathway. *J Endocrinol.* 2011-05-04 [PMID: 21543456]



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### **Products Related to H00055198-B01P**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97019-5mg	Mouse IgG Isotype Control

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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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