

# Product Datasheet

## Endophilin B1/Bif-1 Antibody (30A882.1.1) - Azide Free NBP2-33258

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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**NBP2-33258**

Endophilin B1/Bif-1 Antibody (30A882.1.1) - Azide Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	30A882.1.1
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS - BSA free

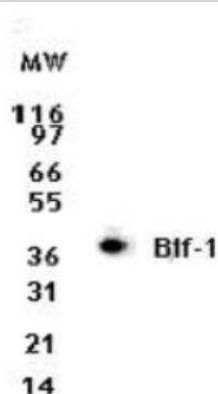
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	51100
<b>Gene Symbol</b>	SH3GLB1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 25619828)
<b>Immunogen</b>	A full-length human Bif-1 recombinant protein was used as immunogen.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1-2 ug/ml, Simple Western 1:200, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunoprecipitation 1:10 -1:500, Immunohistochemistry-Paraffin 5 ug/ml

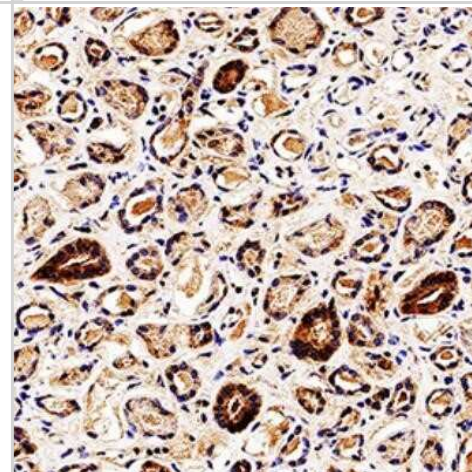


## Images

Western Blot: Endophilin B1/Bif-1 Antibody (30A882.1.1) - Azide Free [NBP2-33258] - Analysis for Bi-f-1/Endophilin-B1 using this antibody at 2 ug/ml dilution against 10 ug of Jurkat cell lysate.



Immunohistochemistry-Paraffin: Endophilin B1/Bif-1 Antibody (30A882.1.1) - Azide Free [NBP2-33258] - IHC analysis of formalin fixed paraffin-embedded (FFPE) human kidney using 5 ug/ml conc. of Endophilin B1 antibody (clone 30A882.1.1) on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching with peroxide block. The sections were incubated with primary antibody for 30 minutes and Bond Polymer Refine Detection (Leica Biosystems) with DAB was used for signal development followed by counterstaining with hematoxylin. Whole slide scanning and capturing of representative images was performed using Aperio AT2 (Leica Biosystems). Cytoplasmic staining of Endophilin B1 was observed. Staining was performed by Histowiz. Image using the standard format of this product.



Simple Western: Endophilin B1/Bif-1 Antibody (30A882.1.1) - Azide Free [NBP2-33258] - Simple Western lane view shows a specific band for Endophilin B1/Bif-1 in 0.05 mg/ml of Jurkat lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



## Publications

Cho SG, Xiao X, Wang S et al Bif-1 Interacts with Prohibitin-2 to Regulate Mitochondrial Inner Membrane during Cell Stress and Apoptosis. *J Am Soc Nephrol.* 2019-07-01 [PMID: 31126972] (WB, IP, Human)

Details:

Citation using the Azide Free version of this antibody.



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### **Products Related to NBP2-33258**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-23467	Recombinant Human Endophilin B1/Bif-1 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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