

Product Datasheet

WIZ Antibody NBP1-21059

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-21059

WIZ Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	85 kDa
Product Description	
Host	Goat
Gene ID	58525
Gene Symbol	WIZ
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 23213215).
Immunogen	Peptide with sequence C-RSYIQGGRPFTKKFR corresponding to internal region according to NP_067064.2.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Flow Cytometry 10 ug/mL, Peptide ELISA Detection limit 1:2000
Application Notes	Western blot: Approx. 75 kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 85.4 kDa according to NP_067064.2). An additional band of unknown identity was also consistently observed at 38 kDa. This band was successfully blocked by incubation with the immunizing peptide.

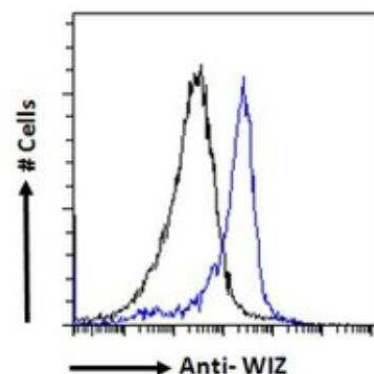


Images

Western Blot: WIZ Antibody [NBP1-21059] - Human Cerebellum lysate (A) + Blocking peptide (B) (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence



Flow Cytometry: WIZ Antibody [NBP1-21059] - Paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Antibody at 10 ug/mL. Primary incubation 1hr followed by Alexa Fluor 488 secondary antibody at 1 ug/mL. IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Rathert P, Dhayalan A, Murakami M et al. Protein lysine methyltransferase G9a acts on non-histone targets. *Nat Chem Biol* 2008-06-01 [PMID: 18438403]

Tirard M, Hsiao HH, Nikolov M et al. In vivo localization and identification of SUMOylated proteins in the brain of His6-HA-SUMO1 knock-in mice *Proc Natl Acad Sci U S A* 2012-12-03 [PMID: 23213215] (WB, Mouse)



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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-80586PEP	WIZ Recombinant Protein Antigen

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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