

Product Datasheet

ARHGEF4 Antibody NB100-1316

Unit Size: 0.1 mg

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

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Publications: 2

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NB100-1316

ARHGEF4 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	79 kDa

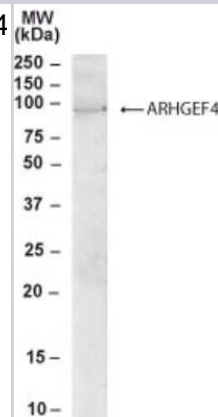
Product Description	
Description	Novus Biologicals Goat ARHGEF4 Antibody (NB100-1316) is a polyclonal antibody validated for use in WB and ELISA. Anti-ARHGEF4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	50649
Gene Symbol	ARHGEF4
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_056135.2; NP_127462.1).
Immunogen	Peptide with sequence PWEEPAGEKPSCS corresponding to N-Terminus according to NP_056135.2, NP_127462.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 2 - 4 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 80 kDa band observed in human brain lysates and in transfected HEK293 transiently expressing ARHGEF4 (calculated MW of 79.1 kDa band according to NP_056135.2 and 76.4 kDa band according to 127462.1).

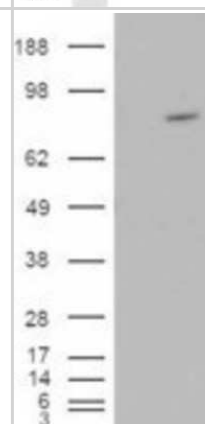


Images

Western Blot: ARHGEF4 Antibody [NB100-1316] - Analysis of ARHGEF4 in Human Brain lysate using this antibody at 2 ug/ ml.



Western Blot: ARHGEF4 Antibody [NB100-1316] - HEK293 overexpressing ARHGEF4 (RC215591) and probed with this antibody (mock transfection in first lane).



Publications

Thiesen S, Kubart S, Ropers HH, Nothwang HG. Isolation of two novel human RhoGEFs, ARHGEF3 and ARHGEF4, in 3p13-21 and 2q22. *Biochem Biophys Res Commun* 2000-06-24 [PMID: 10873612]

Furukawa S, Kawasaki Y, Miyamoto M et al. The miR-1-NOTCH3-Asef Pathway Is Important for Colorectal Tumor Cell Migration. *PLoS One*. 2013-11-11 [PMID: 24244701] (WB, Human)



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Products Related to NB100-1316

NBL1-07682	ARHGEF4 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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