

# Product Datasheet

## FEZ1 Antibody NB100-53816

Unit Size: 0.1 mg

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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**NB100-53816**

## FEZ1 Antibody

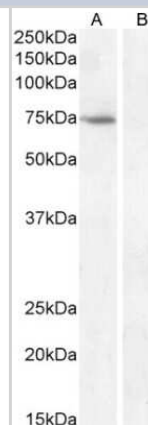
Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Target Molecular Weight</b>	45 kDa

Product Description	
<b>Description</b>	Novus Biologicals Goat FEZ1 Antibody (NB100-53816) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-FEZ1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	9638
<b>Gene Symbol</b>	FEZ1
<b>Species</b>	Human, Rat
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize isoform 1 (NP_005094.1) only.
<b>Immunogen</b>	Peptide with sequence C-QNKQKEQRELMKK corresponding to internal region according to NP_005094.1.

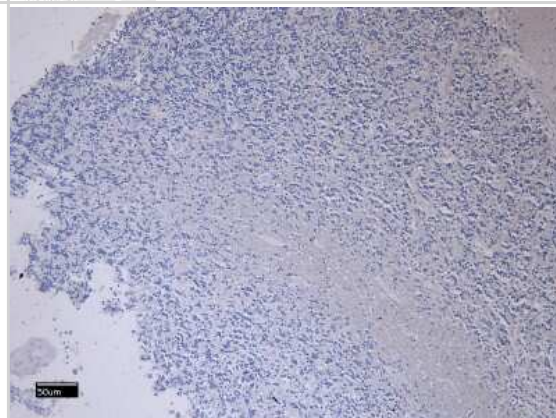
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 5 - 8 ug/ml, Immunohistochemistry-Paraffin 5 - 8 ug/ml, Peptide ELISA Detection limit 1:64000
<b>Application Notes</b>	WB: Approx 75 kDa band observed in Kelly and in Rat Brain lysates (calculated MW of 45.1 kDa according to NP_005094.1 and 45. 2kDa according to NP_112328.1)

## Images

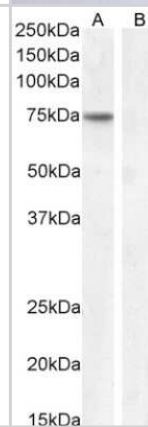
Western Blot: FEZ1 Antibody [NB100-53816] - Staining (0.1ug/ml) of Kelly cell lysate (A) + Peptide (B) (35ug protein in RIPA buffer). Detected by chemiluminescence.



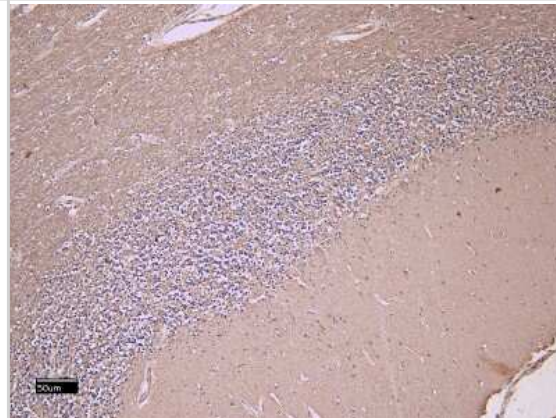
Immunohistochemistry-Paraffin: FEZ1 Antibody [NB100-53816] - Negative Control showing staining of paraffin embedded Human Cerebellum, with no primary antibody.



Western Blot: FEZ1 Antibody [NB100-53816] - Staining (0.1ug/ml) of Rat Brain lysate (A) + Peptide (B) (35g protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry-Paraffin: FEZ1 Antibody [NB100-53816] - Staining (5µg/ml) of paraffin embedded Human Cerebellum. Heat induced antigen retrieval with citrate buffer pH 6, HRP-Staining.



## Publications

Suzuki T, Okada Y, Semba S et al. Identification of FEZ1 as a protein that interacts with JC virus agnoprotein and microtubules: role of agnoprotein-induced dissociation of FEZ1 from microtubules in viral propagation. *J Biol Chem* 2005-07-01 [PMID: 15843383]

Kang E, Burdick KE, Kim JY et al. Interaction between FEZ1 and DISC1 in Regulation of Neuronal Development and Risk for Schizophrenia. *Neuron* 72(4):559-571. 2011-11-17 [PMID: 22099459]





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### **Products Related to NB100-53816**

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NB820-59186	Human Brain Frontal Lobe Whole Tissue Lysate (Adult Whole Normal)
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

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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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