

# Product Datasheet

## Reelin Antibody (142) - BSA Free NB600-1080

Unit Size: 0.05 mg

Store at 4C. Do not freeze.

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**NB600-1080**

Reelin Antibody (142) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	142
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	20mM Phosphate buffer and 0.25M NaCl
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Reelin Antibody (142) - BSA Free (NB600-1080) is a monoclonal antibody validated for use in IHC, WB and Simple Western. Anti-Reelin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	5649
<b>Gene Symbol</b>	RELN
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	React in most vertebrates. Rat reactivity reported in scientific literature (PMID: 22252605). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	Reelin. The epitope is between amino acids 164 and 189.
<b>Immunogen</b>	Recombinant reelin amino acids 40-189.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:250-1:500, Simple Western 1:50, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:250-1:500
<b>Application Notes</b>	Western Blot: Reelin can appear as three bands ~400 - 450, 300, and 180 - 200 kDa's.

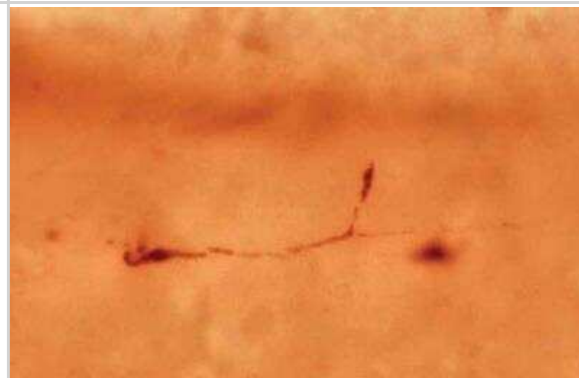


## Images

Immunohistochemistry: Reelin Antibody (142) [NB600-1080] - Mouse anti-Reelin staining of Reelin-positive Cajal-Retzius neurons in a human fetal cerebral cortex at 21 weeks of gestation, using anti-Reelin MAB5366 (dilution 1:500). Photo courtesy of Dr. G. Meyer.



Immunohistochemistry: Reelin Antibody (142) [NB600-1080] - Mouse anti-Reelin visualization of a Cajal-Retzius neuron from a human newborn stained for reelin using MAB5366. This photo is courtesy of Dr. G. Meyer.



## Publications

Ogawa B, Wang L, Ohishi T, Tani ai E, Akane H, Suzuki K, Mitsumori K, Shibutani M. Reversible aberration of neurogenesis targeting late-stage progenitor cells in the hippocampal dentate gyrus of rat offspring after maternal exposure to acrylamide. *Arch Toxicol*;86(5):779-90. 2012-05-01 [PMID: 22252605] (IF/IHC, Rat)



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### **Products Related to NB600-1080**

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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]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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