

# Product Datasheet

## Insulin Receptor beta Antibody - BSA Free NBP2-12793

Unit Size: 100 ul

Store at 4C. Do not freeze.

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



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Updated 9/9/2025 v.20.1

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**NBP2-12793****Insulin Receptor beta Antibody - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

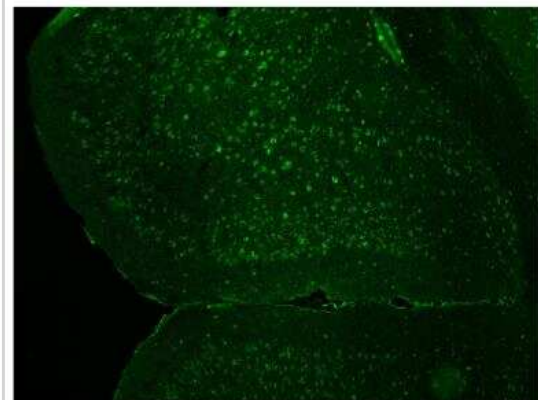
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Insulin Receptor beta Antibody - BSA Free (NBP2-12793) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-Insulin Receptor beta Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3643
<b>Gene Symbol</b>	INSR
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	The immunogen this antibody was made to, maps to a region between residue 1332 and 1382 of human Insulin Receptor, beta Subunit using the numbering given in entry NP_000199.2 (GeneID 3643).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Immunohistochemistry Insulin Receptor beta antibody validated for IHC from a verified customer review, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

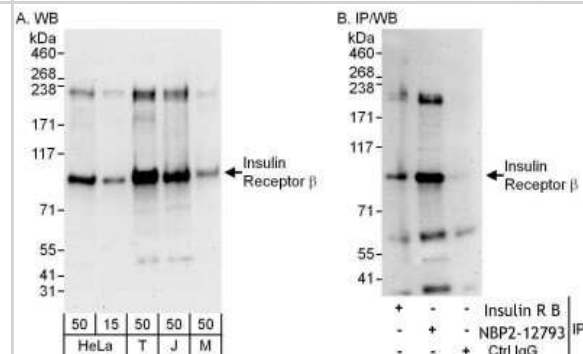


## Images

Immunohistochemistry-Paraffin: Insulin Receptor beta Antibody [NBP2-12793] - Staining shows expression of insulin receptor beta in the Cortex in mouse brain. Dilution 1:500. Image submitted by a verified customer review.



Immunoprecipitation: Insulin Receptor beta Antibody [NBP2-12793] - Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 ug), Jurkat (J; 50 ug) and mouse NIH3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Insulin Receptor Beta antibody NBP2-12793 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. Insulin Receptor Beta was also immunoprecipitated by rabbit anti-Insulin Receptor Beta antibody, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A and B).



## Publications

Webb-Robinson CA Insulin Sensitivity and Neuronal Plasticity in the Alzheimer's Disease Entorhinal Cortex Thesis 2023-01-01

Pollen AA, Bhaduri A, Andrews MG et al. Establishing Cerebral Organoids as Models of Human-Specific Brain Evolution Cell 2019-02-07 [PMID: 30735633] (WB, Human)

Hampton KK, Frazier H, Anderson K et al. Insulin receptor plasma membrane levels increased by the progesterone receptor membrane component 1. Mol. Pharmacol. 2018-04-19 [PMID: 29674524] (IP)



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### **Products Related to NBP2-12793**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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