

Product Datasheet

Insulin Receptor beta Antibody - BSA Free NBP2-12793

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NBP2-12793

Insulin Receptor beta Antibody - BSA Free

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

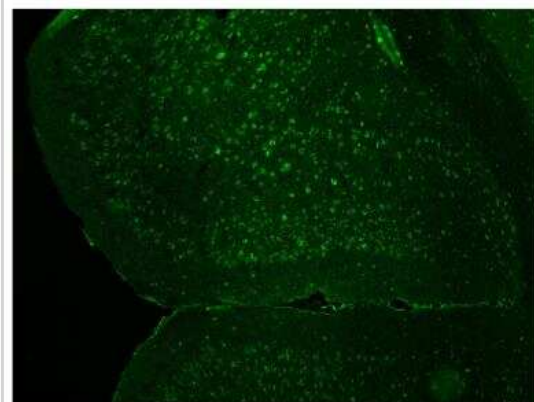
Product Description	
Host	Rabbit
Gene ID	3643
Gene Symbol	INSR
Species	Human, Mouse
Immunogen	The immunogen this antibody was made to, maps to a region between residue 1332 and 1382 of human Insulin Receptor, beta Subunit using the numbering given in entry NP_000199.2 (GeneID 3643).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	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
Application Notes	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

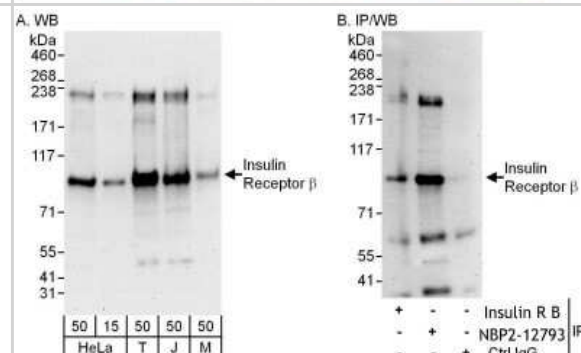


Images

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

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
236-EG-200	EGF [Unconjugated]

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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