

# Product Datasheet

## EIF2 beta Antibody NB100-93284

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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### Publications: 1

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**NB100-93284**

EIF2 beta Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

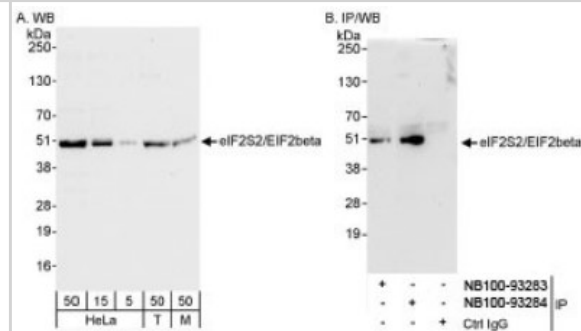
Product Description	
Host	Rabbit
Gene ID	8894
Gene Symbol	EIF2S2
Species	Human, Mouse
Reactivity Notes	Orangutan (100%).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 283 and 333 of human eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa using the numbering given in entry NP_003899.2 (GeneID 8894).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:100-1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

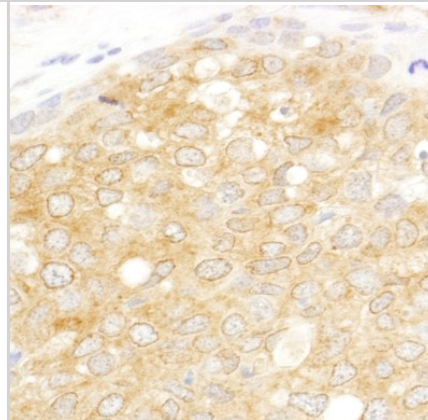


## Images

Western Blot: EIF2 beta Antibody [NB100-93284] - Whole cell lysate from HeLa (5, 15 and 50 mcg for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 mcg), and mouse NIH3T3 (M; 50 mcg) cells. NB100-93284 used for WB at 0.04 mcg/ml (A) and 1 mcg/ml (B) and used for IP at 3 mcg/mg lysate. eIF2beta/EIF2S2 was immunoprecipitated less efficiently by NB100-93283, which recognizes an upstream epitope



Immunohistochemistry-Paraffin: EIF2 beta Antibody [NB100-93284] - Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-eIF2beta/EIF2S2 used at a dilution of 1:1,000 (1 ug/ml). Detection: DAB



## Publications

Kastan JP, Dobrikova EY, Bryant JD, Gromeier M CReP mediates selective translation initiation at the endoplasmic reticulum *Sci Adv* Jun 1 2020 12:00AM [PMID: 32537501] (WB, Human)



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### **Products Related to NB100-93284**

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NBL1-10187	EIF2 beta Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB7156	Goat anti-Rabbit IgG (H+L) Secondary Antibody
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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