

# Product Datasheet

## eIF2B epsilon Antibody - BSA Free NBP1-30449

Unit Size: 100 ul

Store at 4C. Do not freeze.

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



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### Publications: 1

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**NBP1-30449**

eIF2B epsilon 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)

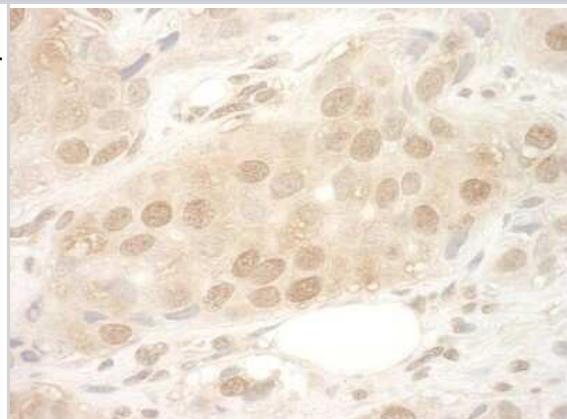
Product Description	
Description	Novus Biologicals Rabbit eIF2B epsilon Antibody - BSA Free (NBP1-30449) is a polyclonal antibody validated for use in IHC and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8893
Gene Symbol	EIF2B5
Species	Human
Immunogen	The immunogen for this product maps to a region between residue 550 and 600 of human eukaryotic translation initiation factor 2B, subunit 5 epsilon using the numbering given in entry NP_003898.2 (GeneID 8893).

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation, Western Blot (Negative)
Recommended Dilutions	Immunohistochemistry 1:500 - 1:2000, Immunoprecipitation 5-15 ug/mg lysate, Immunohistochemistry-Paraffin 1:500 - 1:2000, Western Blot (Negative)
Application Notes	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

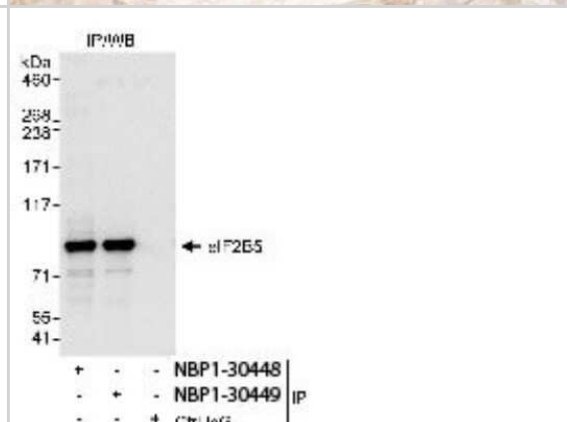


## Images

Immunohistochemistry-Paraffin: eIF2B epsilon Antibody [NBP1-30449] - Section of human breast carcinoma. Antibody: Affinity purified rabbit anti-eIF2B5 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



Immunoprecipitation: eIF2B epsilon Antibody [NBP1-30449] - Detection of Human eIF2B5 Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-eIF2B5 antibody NBP1-30449 used for IP at 10 mcg/mg lysate. eIF2B5 was also immunoprecipitated by rabbit anti-eIF2B5 antibody NBP1-30448, which recognizes an upstream epitope.



## Publications

Flores B, Yu S, Cohen I et al. Investigational eIF2B activator DNL343 modulates the integrated stress response in preclinical models of TDP-43 pathology and individuals with ALS in a randomized clinical trial. Nature Communications 2025-08-18 [PMID: 40825784]



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### **Products Related to NBP1-30449**

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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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