

Product Datasheet

eIF4ENIF1 Antibody NB100-1368

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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NB100-1368**eIF4ENIF1 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

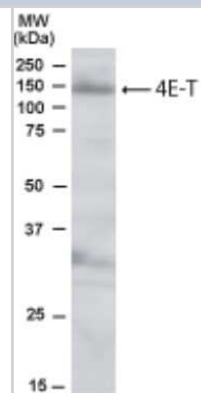
Product Description	
Host	Goat
Gene ID	56478
Gene Symbol	EIF4ENIF1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise isoform 1 (NP_062817.2) and isoform b (NP_001157974.1). Reported variants represent identical protein (NP_062817.2; NP_001157973.1).
Immunogen	Peptide with sequence C-AKVISVDELEYRQ corresponding to C-Terminus according to NP_062817.2, NP_001157974.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.25 - 0.5 ug/ml, Immunohistochemistry 5 - 10 ug/ml, Immunohistochemistry-Paraffin 5 - 10 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 140-150 kDa band observed in 293 lysates (predicted MW of approx. 108 kDa band according to NP_062817.1) and is in agreement with scientific literature (Dostie et al). IHC-P: Human pancreas shows strong staining of cytoplasm in acinar cells-.

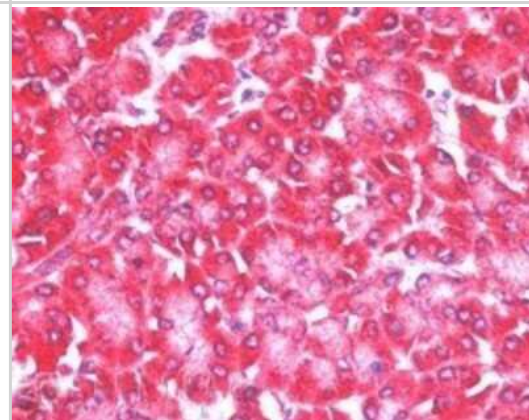


Images

Western Blot: eIF4ENIF1 Antibody [NB100-1368] - Analysis of eIF4ENIF1 (0.25ug/ml) of 293 lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry: eIF4ENIF1 Antibody [NB100-1368] - IHC analysis of eIF4ENIF1 in paraffin embedded Human Pancreas using this antibody at 5ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Dostie J, Ferraiuolo M, Pause A et al. A novel shuttling protein, 4E-T, mediates the nuclear import of the mRNA 5' cap-binding protein, eIF4E. EMBO J 2000-06-15 [PMID: 10856257]



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Products Related to NB100-1368

NB800-PC6	293 Whole Cell Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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