

Product Datasheet

EIF3F Antibody - BSA Free NBP1-77997

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-77997

EIF3F Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

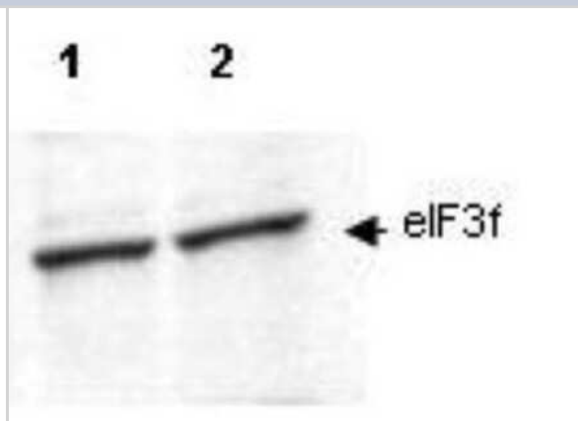
Product Description	
Description	<p>This affinity-purified antibody is directed against human EIF3F protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	8665
Gene Symbol	EIF3F
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest cross reactivity with EIF3F protein from human, mouse, rat, chimpanzee, chicken, and bovine based on 100% homology with the immunizing sequence. Partial reactivity is expected against EIF3F from <i>Drosophila melanogaster</i> and <i>Tetraodon nigroviridis</i> (pufferfish) based on 90% homology of the immunizing sequence with EIF3F from these sources. Reactivity against homologues from other sources is not known.
Immunogen	This affinity purified EIF3F Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region near amino acids 100-125 of human EIF3F protein. (Uniprot: O00303)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200-1:2000, ELISA 1:10000-1:40000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This affinity-purified antibody has been tested for use in ELISA, western blot and immunoprecipitation. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 38 kDa in size by western blotting in the appropriate cell lysate or extract.



Images

Western Blot: EIF3F Antibody [NBP1-77997] - shows detection of endogenous eIF3f in lysates from both control HeLa cells (lane 1) and HeLa cells transformed with the kinase cdk11 (lane 2). Cdk11 is responsible for phosphorylating eIF3f in vivo. After SDS-PAGE and transfer, the membrane was probed with the primary antibody diluted to 1:200. This antibody recognizes both phosphorylated and non-phosphorylated eIF3f.



Publications

Esteves P, Dard L, Brillac A et al. Nuclear control of lung cancer cells migration, invasion and bioenergetics by eukaryotic translation initiation factor 3F *Oncogene* 2019-09-19 [PMID: 31527668] (WB, Human)



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Products Related to NBP1-77997

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23030	Recombinant Human EIF3F His Protein

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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