

Product Datasheet

eIF4A2 Antibody NBP2-24529

Unit Size: 0.1 mg

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

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NBP2-24529**eIF4A2 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.2 ml PBS and 0.05% BSA

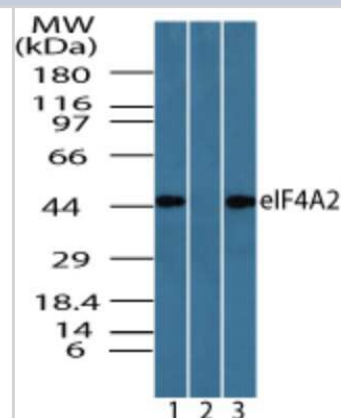
Product Description	
Host	Rabbit
Gene ID	1974
Gene Symbol	EIF4A2
Species	Human, Mouse, Canine, Chicken, Primate
Specificity/Sensitivity	The immunogen for this antibody has 100% homology to eIF4A1 and 89% homology to eIF4A3. Specificity to eIF4A2 has not been determined.
Immunogen	A portion of amino acids 50-100 of human eIF4A2 was used as the immunogen for the antibody.

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.025-0.05 ug/ml, Simple Western 1:200, Immunohistochemistry, Immunohistochemistry-Paraffin 10 ug/ml
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in NIH-3T3 lysate 0.5 mg/mL, separated by Size, antibody dilution of 1:200

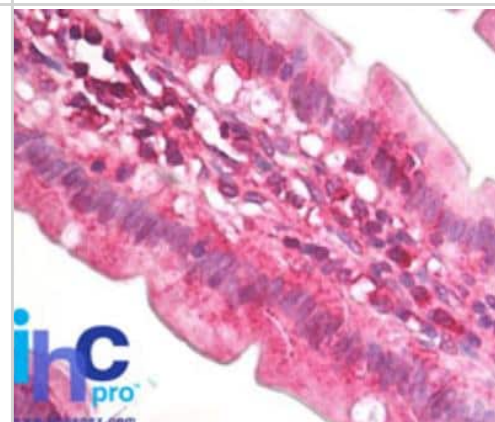


Images

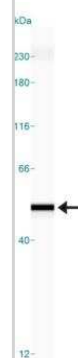
Western Blot: eIF4A2 Antibody [NBP2-24529] - analysis of eIF4A2 in Jurkat cell lysate in the 1) absence, 2) presence of immunizing peptide and 3) 3T3 cell lysate using eIF4A2 antibody at 0.05 ug/ml, 0.05 ug/ml and 0.025 ug/ml, respectively.



Immunohistochemistry-Paraffin: eIF4A2 Antibody [NBP2-24529] - Formalin-fixed, paraffin-embedded human small intestine stained with eIF4A2 antibody at 10 ug/ml. Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



Simple Western: eIF4A2 Antibody [NBP2-24529] - Simple Western lane view shows a specific band for Eif4a2 in 0.5 mg/ml of NIH-3T3 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Publications

Shah A, Bhandari R IP6K1 upregulates the formation of processing bodies by promoting proteome remodeling on the mRNA cap bioRxiv 2020-07-14 [PMID: 34841428] (WB, ICC/IF, Human)



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Products Related to NBP2-24529

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00001974-Q01-10ug	Recombinant Human eIF4A2 GST (N-Term) 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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