DATASHEET

EIF5 Rabbit Polyclonal Antibody

CAT. NO. ARA5812

KEY FEATURES

Target	EIF5	**Source/Host**	Rabbit
Reactivity	Human, Mouse, Rat	**Clonality**	Polyclonal
Applications	WB,IHC,IF/ICC,IP,ELISA	**Conjugation**	Unconjugated
Isotype	IgG	**Storage**	at -20°C

BACKGROUND

Eukaryotic translation initiation factor-5 (EIF5) interacts with the 40S initiation complex to promote hydrolysis of bound GTP with concomitant joining of the 60S ribosomal subunit to the 40S initiation complex. The resulting functional 80S ribosomal initiation complex is then active in peptidyl transfer and chain elongations.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500-1:3000
IHC	1:20-1:200
IF/ICC	1:200-1:800
IP	0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
ELISA	Assay-dependent

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Rabbit polyclonal antibody to EIF5
Specificity	Recognizes endogenous levels of EIF5 protein
Antibody Type	Primary antibody
Immunogen	Recombinant human EIF5 protein (amino acids 1-307)
Molecular Weight	Predicted: 49 kDa; Observed: 50 kDa
Purification	Antigen affinity purification
Isotype	IgG
Form/Buffer	PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Alternative Names	eIF-5, EIF 5A, eIF 5
Gene Symbol	EIF5
Entrez Gene	1983
SwissProt	P55010

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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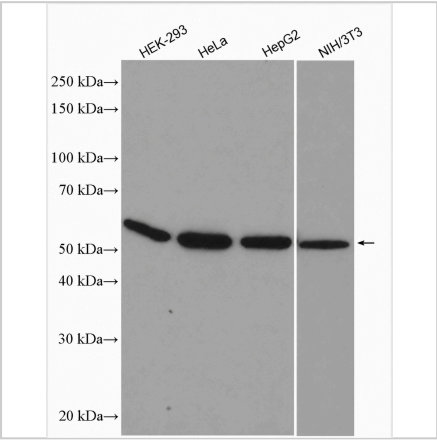
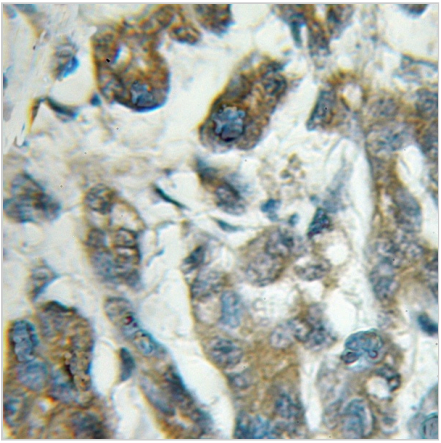
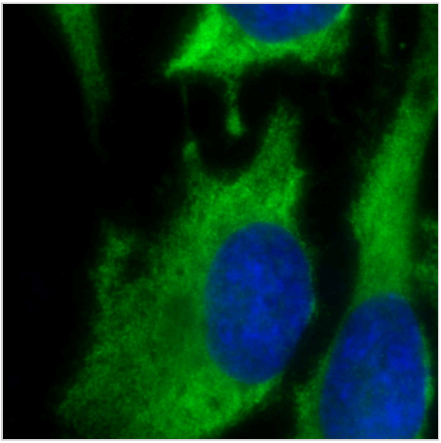
DATA



Various lysates were subjected to SDS-PAGE followed by western blot with EIF5 Rabbit Polyclonal Antibody at 1:1500 dilution and incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue using EIF5 Rabbit Polyclonal Antibody at 1:50 dilution (under 10x lens).



Immunofluorescent analysis of -20°C methanol-fixed HeLa cells using EIF5 Rabbit Polyclonal Antibody at 1:400 dilution.

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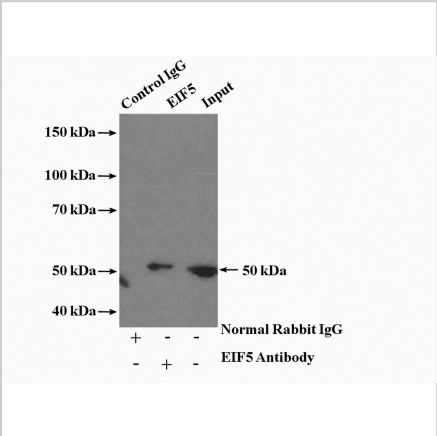

Immunoprecipitation of EIF5 from HeLa cell lysate using EIF5 Rabbit Polyclonal Antibody, followed by western blot with the same antibody at 1:300 dilution at 4°C overnight.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com