

ARG44460 anti-EIF3B antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes EIF3B
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	EIF3B
Species	Human
Immunogen	Human EIF3B recombinant protein
Conjugation	Un-conjugated
Alternate Names	EIF3B; Eukaryotic Translation Initiation Factor 3 Subunit B; EIF3S9; PRT1; Eukaryotic Translation Initiation Factor 3, Subunit 9 Eta, 116kDa; Eukaryotic Translation Initiation Factor 3 Subunit 9; Protein Synthesis 1; Prt1 Homolog; Eukaryotic Translation Initiation Factor 3, Subunit 9 (Eta, 116kD); Eukaryotic Translation Initiation Factor 3, Subunit B

Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg/1x10 ⁶
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

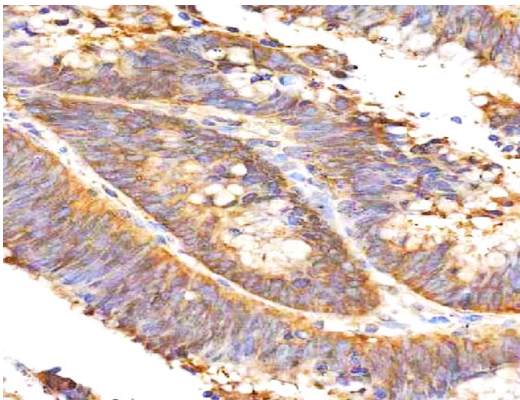
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

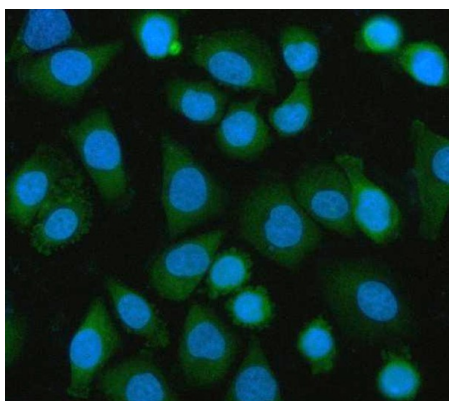
Gene Symbol	EIF3B
Gene Full Name	Eukaryotic Translation Initiation Factor 3 Subunit B
Background	Enables RNA binding activity. Contributes to translation initiation factor activity. Involved in several processes, including IRES-dependent viral translational initiation; translational initiation; and viral translational termination-reinitiation. Located in extracellular exosome. Part of eukaryotic translation initiation factor 3 complex.
Function	RNA-binding component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis.
Calculated Mw	92 kDa
PTM	Acetylation, Phosphoprotein
Cellular Localization	Cytoplasm

Images



ARG44460 anti-EIF3B antibody IHC-P image

Immunohistochemistry: Human colon adenocarcinoma stained with ARG44460 anti-EIF3B antibody at 2 µg/mL dilution.

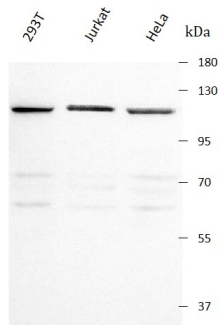


ARG44460 anti-EIF3B antibody ICC/IF image

Immunofluorescence: SiHa stained with ARG44460 anti-EIF3B antibody at 5 µg/mL dilution.

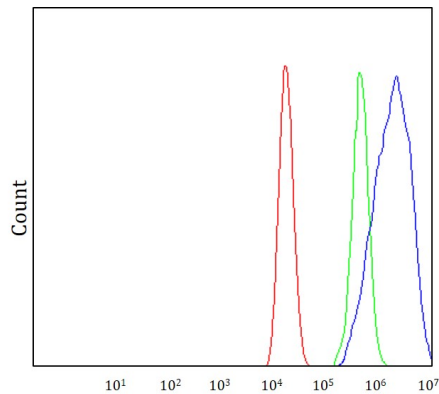
ARG44460 anti-EIF3B antibody WB image

Western blot: 293T, Jurkat and HeLa stained with ARG44460 anti-EIF3B antibody at 0.5 µg/mL dilution.



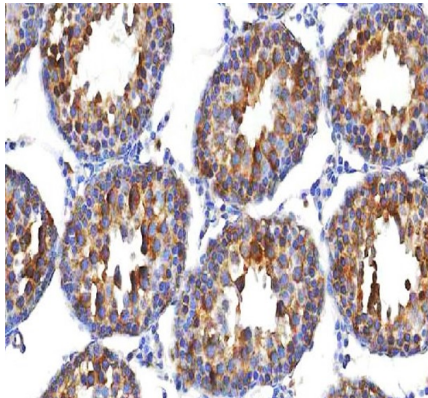
ARG44460 anti-EIF3B antibody FACS image

Flow Cytometry: Caco-2 stained with ARG44460 anti-EIF3B antibody at 1 µg/10⁶ cells dilution.



ARG44460 anti-EIF3B antibody IHC-P image

Immunohistochemistry: Rat testis stained with ARG44460 anti-EIF3B antibody at 2 µg/mL dilution.



ARG44460 anti-EIF3B antibody IHC-P image

Immunohistochemistry: Mouse testis stained with ARG44460 anti-EIF3B antibody at 2 µg/mL dilution.

