

## Product datasheet for **TA345775**

### EIF4B Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-EIF4B antibody: synthetic peptide directed towards the C terminal of human EIF4B. Synthetic peptide located within the following region: NPPARSQSSDTEQQSPTSGGGKVAPAQPSEEGPGRKDENVKVDGMNAPKGGQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67 kDa
Gene Name:	eukaryotic translation initiation factor 4B
Database Link:	<a href="#">NP_001408</a> <a href="#">Entrez Gene 1975 Human P23588</a>
Background:	IF4B contains 1 RRM (RNA recognition motif) domain and is required for the binding of mRNA to ribosomes. Functions of EIF4B are in close association with EEF4-F and EIF4-A. It binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP and promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.
Synonyms:	EIF-4B; PRO1843

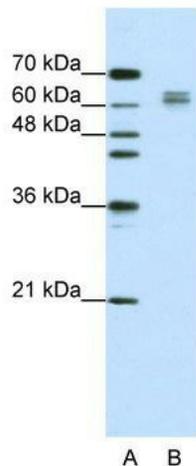


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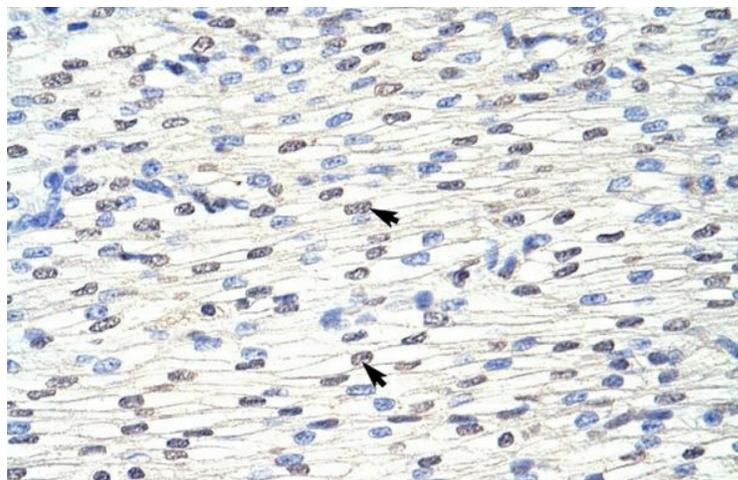
**Note:** Immunogen Sequence Homology: Human: 100%; Pig: 92%; Guinea pig: 92%; Rat: 86%; Horse: 86%; Rabbit: 86%; Mouse: 79%; Bovine: 79%

**Protein Pathways:** mTOR signaling pathway

**Product images:**



WB Suggested Anti-EIF4B Antibody Titration: 1.25 ug/ml; ELISA Titer: 1: 62500; Positive Control: Jurkat cell lysate; EIF4B is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Rabbit Anti-EIF4B Antibody; Paraffin Embedded Tissue: Human Heart; Cellular Data: Myocardial cells; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X