

Anti-EIF4B antibody (352-611 aa) (STJ11107417)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

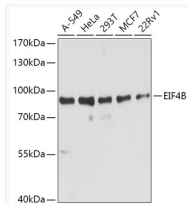
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:100 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 69kDa Observed Mw: 80kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

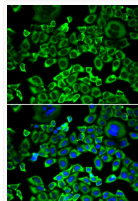
Gene ID	1975
Gene Symbol	EIF4B
UniProt ID	IF4B_HUMAN
Immunogen Region	352-611 aa
Immunogen Sequence	SQSTRAASIFGGAKPVDTAAREVEERLQKEQEKLRQLDEPKLERRPRERHPSWRSEE TQERERSRTGSESSQTGTSTSSRNARRRESEKLENETLNKEEDCHSPTSCKPPKPDQPL KVMPPAPPKENAWVKRSSNPARSQSSDTEQQSPTSGGGK VAPAQPSEEGPGRKDKENKVD GMNAPKQGQTNSSRGP GDGGNRDHWKESDRKDGKDKQDSR SAPEPKKPEENPASKFSSA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 352-611 of human EIF4B (NP_001408.2).

ADDITIONAL INFORMATION

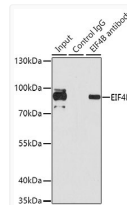
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of various lysates using EIF4B Rabbit pAb (STJ11107417) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 1s.



Immunofluorescence analysis of A549 cells using EIF4B Rabbit pAb (STJ11107417). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 Mu g extracts of 293T cells using 1 Mu g EIF4B antibody (STJ11107417). Western blot was performed from the immunoprecipitate using EIF4B antibody (STJ11107417) at a dilution of 1:1000.