

Anti-EIF4A1 antibody (1-100) (STJ27247)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

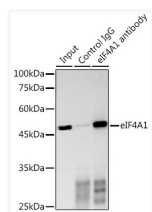
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IF/CC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirement
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 46kDa Observed Mw: 48kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

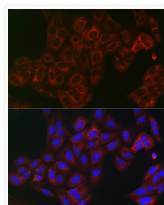
Gene ID	1973
Gene Symbol	EIF4A1
UniProt ID	IF4A1_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MSASQDSRSRDNGPDGMEPE GVIESNWNEIVDSFDDMNLS ESLLRGIYAYGFEKPSAIQQ RAILPCIKGYDVIAQAQSGT GKTATFAISILQQIELDLKA
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human eIF4A1 (NP_001407.1).

ADDITIONAL INFORMATION

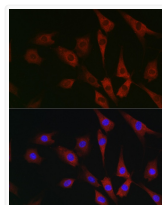
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



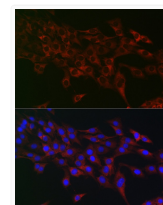
Immunofluorescence analysis of U2OS cells using eIF4A1 Rabbit polyclonal antibody (STJ27247) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



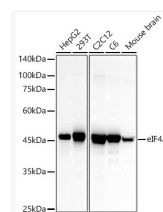
Immunofluorescence analysis of NIH/3T3 cells using eIF4A1 Rabbit polyclonal antibody (STJ27247) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using eIF4A1 Rabbit polyclonal antibody (STJ27247) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 Mu g extracts of HeLa cells using 3 Mu g eIF4A1 antibody (STJ27247). Western blot was performed from the immunoprecipitate using eIF4A1 antibody (STJ27247) at a dilution of 1:1000.



Western blot analysis of various lysates, using eIF4A1 Rabbit polyclonal antibody (STJ27247) at 1:2000 dilution. Secondary antibody: HRP 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: 30s.