

EIF6 Antibody

Catalog No: #32448

Package Size: #32448-1 50ul #32448-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

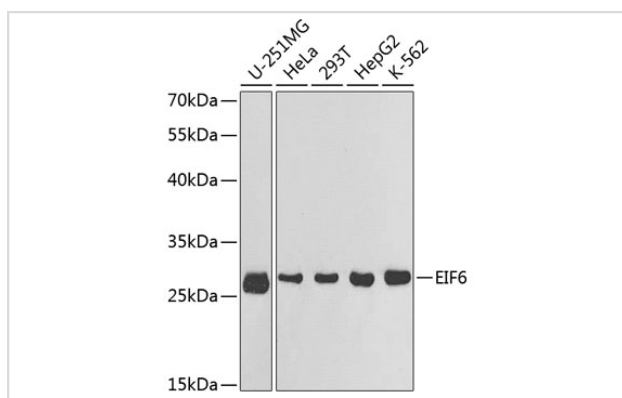
Description

Product Name	EIF6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total EIF6 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human EIF6.
Target Name	EIF6
Other Names	CAB; EIF3A; eIF-6; p27BBP; ITGB4BP
Accession No.	Swiss-Prot:P56537NCBI Gene ID:3692
Uniprot	P56537
GeneID	3692;
SDS-PAGE MW	27KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

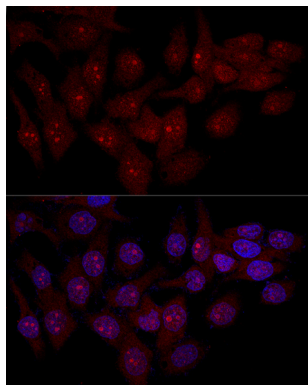
Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

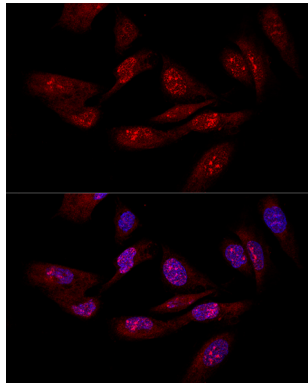
Images



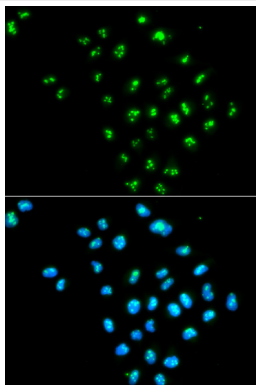
Western blot analysis of extracts of various cell lines, using EIF6 at 1:1000 dilution.



Confocal immunofluorescence analysis of HeLa cells using EIF6 at dilution of 1:50. Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of U-2OS cells using EIF6 at dilution of 1:50. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of MCF-7 cells using EIF6 . Blue: DAPI for nuclear staining.

Background

Eukaryotic initiation factor 6 (eIF6) is required for the 60S ribosomal subunit assembly in the nucleolus (1). In the cytoplasm, this protein is bound to 60S ribosome subunits and prevents them from joining 40S ribosome subunits to form 80S ribosomes (2). eIF6 is also shown to associate with the RNA-induced silencing complex (RISC) (3). Deletion of eIF6 abolishes the miRNA-mediated gene silencing (3). eIF6 may play its essential role in miRNA-mediated silencing by inhibiting translation initiation or ribosome recycling (3).

Note: This product is for in vitro research use only