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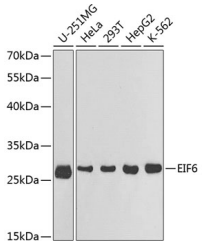
EIF6 Polyclonal Antibody

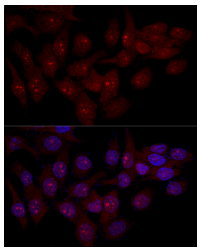
Catalog No.	E-AB-60458	**Reactivity**	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IF	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

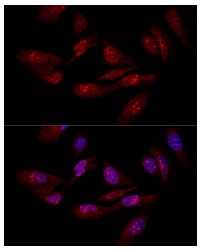
Images



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



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



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

Immunogen Information

Immunogen	Recombinant fusion protein of human EIF6 (NP_852133.1).
GeneID	3692
Swissprot	P56537
Synonyms	EIF6,CAB,EIF3A,ITGB4BP,b(2)gcn,eIF-6,p27(BBP), p27BBP

Product Information

Calculated MW	23kDa/26kDa
Observed MW	27kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000 IF 1:50-1:200

Background

Hemidesmosomes are structures which link the basal lamina to the intermediate filament cytoskeleton. An important functional component of hemidesmosomes is the integrin beta-4 subunit (ITGB4), a protein containing two fibronectin type III domains. The protein encoded by this gene binds to the fibronectin type III domains of ITGB4 and may help link ITGB4 to the intermediate filament cytoskeleton. The encoded protein, which is insoluble and found both in the nucleus and in the cytoplasm, can function as a translation initiation factor and prevent the association of the 40S and 60S ribosomal subunits. Multiple non-protein coding transcript variants and variants encoding two different isoforms have been found for this gene.