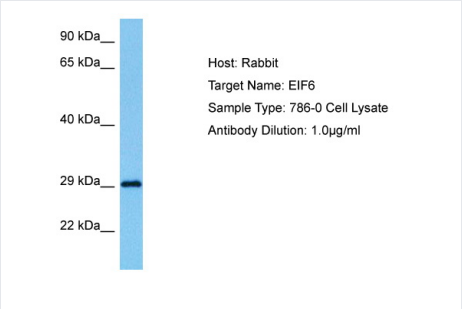
EIF6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EIF6, Polyclonal Antibody
Full Product Name	EIF6 Antibody - middle region
Product Gene Name	anti-EIF6 antibody
Product Synonym Gene Name	CAB; EIF3A; eIF-6; p27BBP; ITGB4BP; b(2)gcn; p27(BBP)
Immunogen Sequence	Synthetic peptide located within the following region: LSDTIPVVHA SIAGCRIIGR MCVGNRHGLL VPNNTTDQEL QHIRNSLPDT
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	EIF6 peptide (MBS3247916) is used for blocking the activity of EIF6 antibody (MBS3223273)
Molecular Weight	26 kDa
OMIM	602912
3D Structure	ModBase 3D Structure for P56537
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human EIF6
Product Categories/Family for anti-EIF6 antibody	Polyclonal; Cell Adhesion
Applications Tested/Suitable for anti-EIF6 antibody	Western Blot (WB)
Related Product Information for anti-EIF6 antibody	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.
Other Notes	Small volumes of anti-EIF6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for EIF6 purchase	MBS3223273 is an antibody targeting EIF6. Also known as EIF6 Antibody - middle region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-EIF6 antibody
Host: RabbitTarget Name: EIF6Sample Tissue: Human 786-0 Whole Cell lysatesAntibody Dilution: 1ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EIF6. It may not necessarily be applicable to this product.

NCBI GI #	392494084
NCBI GeneID	3692
NCBI Accession #	NP_001254739.1
UniProt Primary Accession #	P56537
UniProt Related Accession #	P56537
GenBank Nucleotide #	NM_001267810.1
NCBI Official Full Name	eukaryotic translation initiation factor 6 isoform a
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 6
NCBI Official Symbol	EIF6
NCBI Official Synonym Symbols	CAB; EIF3A; eIF-6; p27BBP; ITGB4BP; b(2)gcn; p27(BBP)
UniProt Protein Name	Eukaryotic translation initiation factor 6
UniProt Synonym Protein Names	B(2)GCN homolog; B4 integrin interactor; CAB; p27(BBP)
Protein Family	Translation initiation factor
UniProt Gene Name	EIF6
UniProt Entry Name	IF6_HUMAN
NCBI Protein Information	eukaryotic translation initiation factor 6
UniProt Comments for EIF6	EIF6: eukaryotic translation initiation factor 6. Binds to the 60S ribosomal subunit and prevents its association with the 40S ribosomal subunit to form the 80S initiation complex. Protein type: Translation; Translation initiation; Nucleolus Chromosomal Location of Human Ortholog: 20q12 Cellular Component: nucleoplasm; cytoplasm; nucleolus; lamin filament; nucleus Molecular Function: protein binding; translation initiation factor activity; ribosome binding; ribosomal large subunit binding Biological Process: translational initiation; ribosomal large subunit biogenesis and assembly; mature ribosome assembly; ribosome export from nucleus
Research Articles on EIF6	**1.** in human CD4(+) T cells, eIF6 levels rapidly increase upon T-cell receptor activation and drive the glycolytic switch and the acquisition of effector functions

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