EIF5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EIF5, Polyclonal Antibody
Full Product Name	EIF5
Product Gene Name	anti-EIF5 antibody
Product Synonym Names	Purified Rabbit Anti Human EIF5 Polyclonal antibody; EIF-5; EIF-5A
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	49kDa
Immunogen	Recombinant fragment corresponding to 58-216aa of human EIF5.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-EIF5 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-EIF5 antibody	ELISA: 1:20000-80000 WB: 1:200-1,000
Related Product Information for anti-EIF5 antibody	MBS8564254 is an antibody targeting EIF5. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens eukaryotic translation initiation factor 5, mRNA
Product References and Citations for anti-EIF5 antibody	Si K, Das K, Maitra U. Characterization of multiple mRNAs that encode mammalian translation initiation factor 5 (eIF-5). Journal of Biological Chemistry. 271 (28):16934-16938 (1996)
Other Notes	Small volumes of anti-EIF5 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EIF5. It may not necessarily be applicable to this product.

NCBI GI #	34193752
NCBI GeneID	1983
NCBI Accession #	BC032866
UniProt Related Accession #	P55010
NCBI Official Full Name	Homo sapiens eukaryotic translation initiation factor 5, mRNA
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 5
NCBI Official Symbol	EIF5

NCBI Official Synonym Symbols	EIF-5; EIF-5A
NCBI Protein Information	eukaryotic translation initiation factor 5
NCBI Summary for EIF5	Eukaryotic translation initiation factor-5 (EIF5) interacts with the 40S initiation complex to promote hydrolysis of bound GTP with concomitant joining of the 60S ribosomal subunit to the 40S initiation complex. The resulting functional 80S ribosomal initiation complex is then active in peptidyl transfer and chain elongations (summary by Si et al., 1996 [PubMed 8663286]).[supplied by OMIM, May 2010]
Research Articles on EIF5	**1.** Translational initiation pathway inhibition could be of clinical utility in male breast cancer patients overexpressing eIF4E and eIF5. With mTOR inhibitors that target this pathway now in the clinic, these biomarkers may represent new targets for therapeutic intervention, although further independent validation is required
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