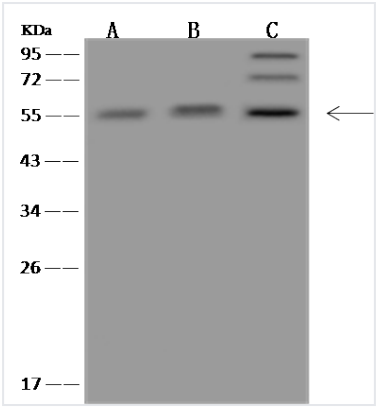
EIF5 Antibody – Rabbit Polyclonal

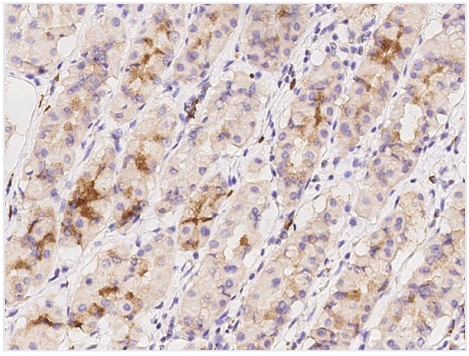
PRODUCT OVERVIEW

Product Name	EIF5, Polyclonal Antibody
Full Product Name	Anti-EIF5 Antibody, Rabbit Polyclonal
Product Gene Name	anti-EIF5 antibody
Product Synonym Names	EIF5 Antibody, Rabbit PAb, Antigen Affinity Purified; eukaryotic translation initiation factor 5; Anti-EIF-5 Antibody; Anti-EIF-5A Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human EIF5
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.
Immunogen	E Coli-derived Human EIF5 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human EIF5 fragment, and purified by antigen affinity chromatography.
Product Categories/Family for anti-EIF5 antibody	Actin Dynamics Signaling Pathway
Applications Tested/Suitable for anti-EIF5 antibody	Western Blot (WB), Immunohistochemistry-Paraffin (IHC-P)
Application Notes for anti-EIF5 antibody	WB: 1:500-1:1000 IHC-P: 1:1000-1:5000
Related Product Information for anti-EIF5 antibody	EIF-5A, also known as EIF5, functions in start site selection as a GTPase accelerating protein (GAP) for the eukaryotic translation initiation factor (eIF) 2-GTP-tRNA ternary complex within the ribosome-bound pre-initiation complex. In protein synthesis initiation, eIF2 functions in its GTP-bound state to deliver initiator methionyl-tRNA to the small ribosomal subunit and is necessary for protein synthesis in all cells. EIF-5A stabilizes the binding of GDP to eIF2 and is therefore a bi-functional protein that acts as a GDP dissociation inhibitor (GDI). EIF-5A also interacts with eIF1 and eIF3 and binds the eIF2-GTP/Met-tRNA ternary complex along with the 40S ribosome subunit.
Product References and Citations for anti-EIF5 antibody	Si K, et al. (1996) Charactatierizon of multiple mRNAs that encode mammalian translation initiation factor 5 (eIF-5). J Biol Chem. 71(28):16934.Das S, et al. (1998) Specific interaction of eukaryotic translation initiation factor 5 (eIF5) with the beta-subunit of eIF2. J Biol Chem. 272(50):31712-8.Conte MR, et al. (2006) Structure of the eukaryotic initiation factor (eIF) 5 reveals a fold common to several translation factors. Biochemistry. 45(14):4550-8.
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.

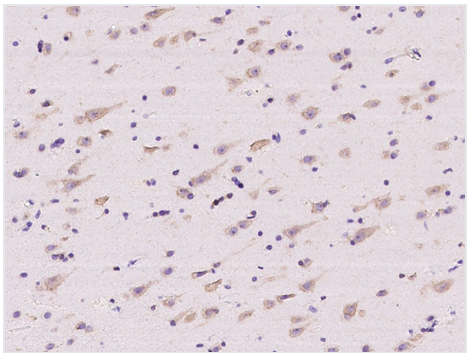
Searchable Terms for EIF5 purchase	MBS8108246 is an antibody targeting EIF5. Also known as Anti-EIF5 Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-EIF5 antibody
Anti-EIF5 rabbit polyclonal antibody at 1:500 dilution Lane A: Hela Whole Cell Lysate Lane B: 293T Whole Cell Lysate Lane C: NIH3T3 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size:49 kDa Observed band size:55 kDa (We are unsure as to the identity of these extra bands.)



Immunohistochemistry (IHC) of anti-EIF5 antibody
Immunochemical staining of human EIF5 in human stomach with rabbit polyclonal antibody at 1:2500 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemistry (IHC) of anti-EIF5 antibody
Immunochemical staining of human EIF5 in human brain with rabbit polyclonal antibody at 1:2500 dilution, formalin-fixed paraffin embedded sections.

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