

Rabbit anti-Human EEF1B2 Polyclonal Antibody | anti-EEF1B2 antibody

Anti-EEF1B2 Antibody, Rabbit Polyclonal

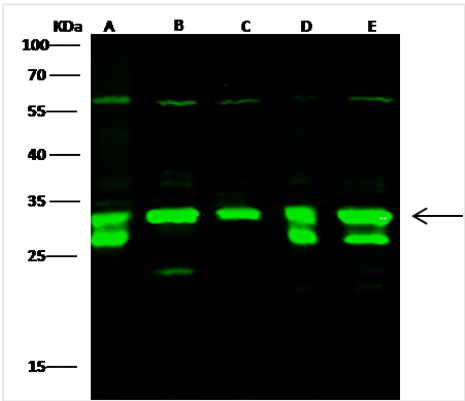
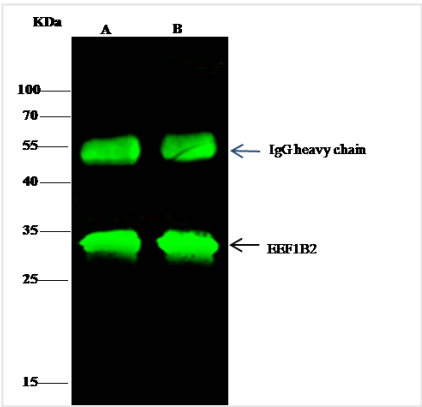
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255778	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

EEF1B2; Polyclonal Antibody; Anti-EEF1B2 Antibody; Rabbit Polyclonal; EF1B/EEF1B2 Antibody; Rabbit PAb; Antigen Affinity Purified; eukaryotic translation elongation factor 1 beta 2; Anti-EEF1B Antibody; Anti-EEF1B1 Antibody; Anti-EF1B Antibody; anti-EEF1B2 antibody

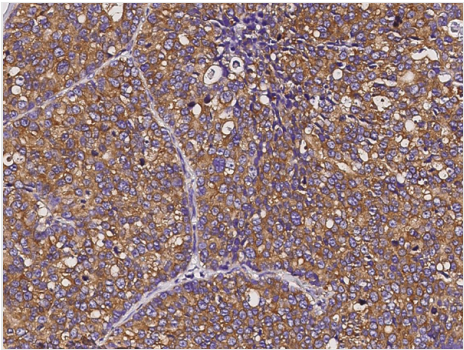
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human EF1B/EEF1B2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-EEF1B2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human EF1B/EEF1B2 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human EF1B/EEF1B2 (rh EF1B/EEF1B2). EF1B/EEF1B2 specific IgG was purified by Human EF1B/EEF1B2 affinity chromatography.
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. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
EEF1B2 was immunoprecipitated using: Lane A: 0.5 mg MCF-7 Whole Cell Lysate Lane B: 0.5 mg K562 Whole Cell Lysate 2 uL anti-EEF1B2 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-EEF1B2 rabbit polyclonal antibody, at 1:200 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odyssey technique. Performed under reducing conditions. Predicted band size: 32 kDa Observed band size: 32 kDa

WB (Western Blot)
Anti-EEF1B2 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lane C: A431 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 25 kDa Observed band size: 32 kDa (We are unsure as to the identity of these extra bands).



IHC (Immunohistochemistry)
Immunochemical staining of human EEF1B2 in human breast carcinoma with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-EEF1B2 antibody	EF1B, also known as EEF1B2, is a translation elongation factor. It belongs to the EF-1-beta/EF-1-delta family. Elongation factors are a set of proteins that are used in protein synthesis in the cell. In the ribosome, they facilitate translational elongation, from the formation of the first peptide bond to the formation of the last one. EF1B is more complex in eukaryotes than in bacteria, and consists of three subunits: EF1B-alpha, EF1B-gamma and EF1B-beta. EF1B contains 1 GST C-terminal domain. It is involved in the transfer of aminoacylated tRNAs to the ribosome. EF1B is required to regenerate EF1A from its inactive form (EF1A-GDP) to its active form (EF1A-GTP). EF1A is then ready to interact with a new aminoacyl-tRNA to begin the cycle again.
References	Pizzuti A. et al., 1994, Biochem Biophys Res Commun. 197 (1): 154-62. Rual. et al., 2005, Nature. 437 (7062): 1173-8. Stelzl. et al., 2005, Cell. 122 (6): 957-68. Sang Lee. et al., 2002, Biochem Biophys Res Commun. 291 (1): 158-64.

NCBI AND UNIPROT INFORMATION

NCBI GI #	83376130
NCBI GeneID	1933
NCBI Accession #	NP_001032752.1
NCBI GenBank Nucleotide #	NM_001037663.1
UniProt Accession #	P24534; Q6IBH9; A8K795

Molecular Weight	24,764 Da
NCBI Official Full Name	elongation factor 1-beta
NCBI Official Synonym Full Names	eukaryotic translation elongation factor 1 beta 2
NCBI Official Symbol	EEF1B2
NCBI Official Synonym Symbols	EF1B; EEF1B; EEF1B1
NCBI Protein Information	elongation factor 1-beta; EF-1-beta; eukaryotic translation elongation factor 1 beta 1
UniProt Protein Name	Elongation factor 1-beta
UniProt Gene Name	EEF1B2
UniProt Synonym Gene Names	EEF1B; EF1B; EF-1-beta
UniProt Entry Name	EF1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/eef1b2-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/255778>