abcam

Product datasheet

Anti-eEF1B2 antibody ab228642

5 Images

Overview

Product name	Anti-eEF1B2 antibody
Description	Rabbit polyclonal to eEF1B2
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P, ICC/IF
Species reactivity	**Reacts with:** Mouse, Human
	Predicted to work with: Rat, Rabbit, Chicken, Cow, Pig, Rhesus monkey
Immunogen	Recombinant fragment within Human eEF1B2 (internal sequence). The exact sequence is proprietary. Database link: **P24534**
Positive control	WB: Mouse brain tissue whole cell lysate; A431, HeLa S3 and NCI-H1299 whole cell lysates. IHC-P: Mouse duodenum tissue; U87 xenograft tissue. ICC/IF: HeLa cells.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab228642 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 24 kDa.
IHC-P		1/100 - 1/1000.
ICC/IF		1/100 - 1/1000.

Target

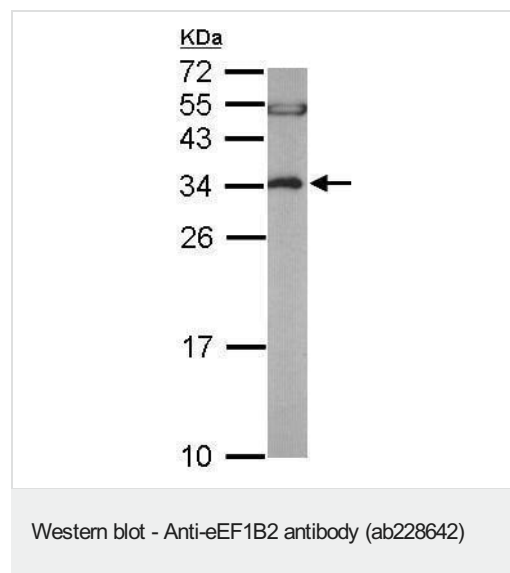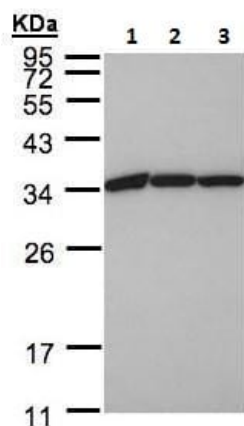|	
Function	EF-1-beta and EF-1-delta stimulate the exchange of GDP bound to EF-1-alpha to GTP.
Sequence similarities	Belongs to the EF-1-beta/EF-1-delta family. Contains 1 GST C-terminal domain.
Post-translational modifications	Phosphorylation affects the GDP/GTP exchange rate.

Images

Anti-eEF1B2 antibody (ab228642) at 1/5000 dilution + Mouse brain lysate at 50 µg

Predicted band size: 24 kDa

12% SDS-PAGE gel.

Western blot - Anti-eEF1B2 antibody (ab228642)

Western blot - Anti-eEF1B2 antibody (ab228642)

All lanes : Anti-eEF1B2 antibody (ab228642) at 1/1000 dilution

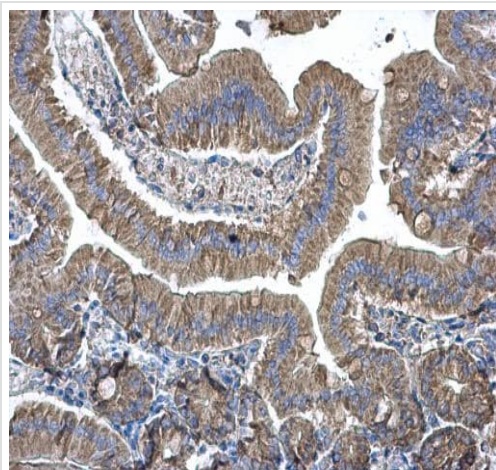**Lane 1 :** A431 (human epidermoid carcinoma cell line) whole cell lysate

Lane 2 : NCI-H1299 (human lung carcinoma cell line) whole cell lysate

Lane 3 : HeLa S3 (human epithelial cell line from cervix adenocarcinoma) whole cell lysate
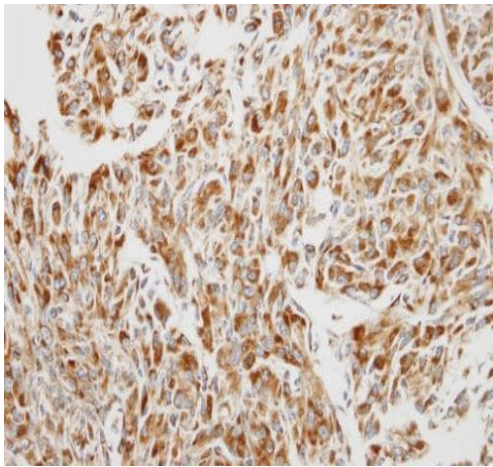
Lysates/proteins at 30 µg per lane.

Predicted band size: 24 kDa

12% SDS-PAGE gel.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-eEF1B2 antibody (ab228642)

Paraffin-embedded mouse duodenum tissue stained for eEF1B2 using ab228642 at 1/500 dilution in immunohistochemical analysis.

Paraffin-embedded U87 xenograft tissue stained for eEF1B2 using ab228642 at 1/250 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-eEF1B2 antibody (ab228642)

Paraformaldehyde-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for eEF1B2 (green) using ab228642 at 1/200 dilution in ICC/IF.

Nuclear counterstain: DNA probe (blue).

Immunocytochemistry/ Immunofluorescence - Anti-eEF1B2 antibody (ab228642)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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