




Product datasheet

Anti-eIF2B4 antibody ab104941

1 Image

Overview

Product name	Anti-eIF2B4 antibody
Description	Goat polyclonal to eIF2B4
Host species	Goat
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Cow, Dog 
Immunogen	Synthetic peptide: C-RKDYGSKVSLFSH , corresponding to internal sequence amino acids 190-202 of Human eIF2B4 (NP_751945.2; NP_001029288.1; NP_056451.3).  Run BLAST with  Run BLAST with
Positive control	K562 lysate
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab104941 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		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 60 kDa (predicted molecular weight: 58 kDa). 1 hour primary incubation is recommended for this product.

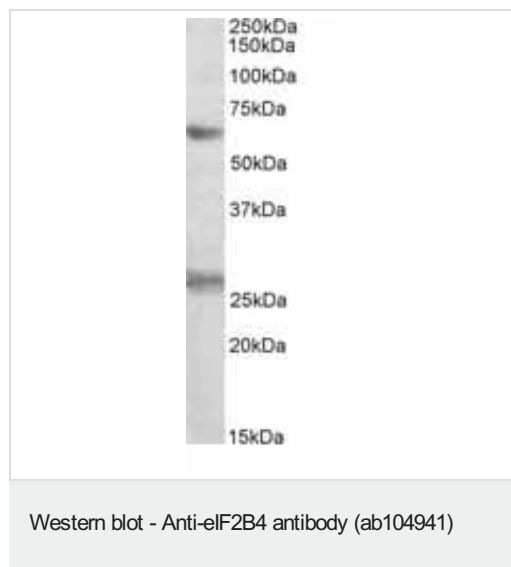
Target

Function Catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP.

Involvement in disease Leukodystrophy with vanishing white matter

Sequence similarities Belongs to the eIF-2B alpha/beta/delta subunits family.

Images



Anti-eIF2B4 antibody (ab104941) at 0.3 µg/ml + K562 lysate at 35 µg

Developed using the ECL technique.

Predicted band size: 58 kDa

Observed band size: 60 kDa

Exposure time: 1 hour

An additional band of unknown identity was also consistently observed at 26 kDa. This band was successfully blocked by incubation with the immunizing peptide.

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

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