


## Product datasheet

### Anti-4E-T antibody ab6034

[1 Abreviews](#) [4 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-4E-T antibody
<b>Description</b>	Goat polyclonal to 4E-T
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Synthetic peptide corresponding to Human 4E-T aa 950 to the C-terminus (C terminal). (NP_001157974.1) Database link: <a href="#">NP_062817.2</a>

 [Run BLAST with](#)

 [Run BLAST with](#)

#### 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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab6034 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
IHC-P		Use a concentration of 5 µg/ml.
WB		Use a concentration of 0.25 - 0.5 µg/ml. Detects a band of approximately 140-150 kDa. A 1 hour primary incubation is recommended for this product. The predicted molecular weight is 108 kDa according to NP_062817, however our observation agrees with that of Dostie et al, PMID: 10856257.

## Target

### Function

Nucleoplasmic shuttling protein. Mediates the nuclear import of EIF4E by a piggy-back mechanism.

### Tissue specificity

Widely expressed.

### Cellular localization

Cytoplasm. Nucleus. Predominantly cytoplasmic. Shuttles between the nucleus and the cytoplasm in a CRM1-dependent manner.

## Images

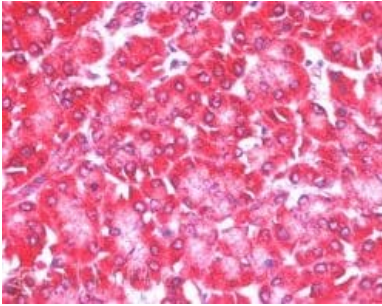


ab6034 at 0.25µg/ml staining approximately 140-150kDa band of 4E-T in

HEK293 Lysate by Western blot (ECL). ab6034 at 0.25µg/ml staining

approximately 140-150kDa band of EIF4ENIF1 in HEK293 Lysate

by Western blot (ECL).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-4E-T antibody (ab6034)

ab6034 at 5ug/ml staining 4E-T in human pancreas tissue section by Immunohistochemistry (Formalin/PFA fixed paraffin-embedded sections). Tissue underwent antigen retrieval in steam with citrate buffer (pH 6.0). The AP-staining procedure was used for detection.

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

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors