





Product datasheet

Anti-EID1 antibody ab167290

2 Images

Overview

Product name	Anti-EID1 antibody
Description	Mouse polyclonal to EID1
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
Immunogen	Recombinant full length protein, corresponding to amino acids 1-187 of Human EID1 (NP_055150.1).  Run BLAST with  Run BLAST with 
Positive control	EID1 transfected 293T cell line lysate, HeLa cells
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.4 Constituent: 99% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab167290 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 1 µg/ml. Predicted molecular weight: 21 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

Target

Function

Interacts with RB1 and EP300 and acts as a repressor of MYOD1 transactivation. Inhibits EP300 and CBP histone acetyltransferase activity. May be involved in coupling cell cycle exit to the transcriptional activation of genes required for cellular differentiation. May act as a candidate coinhibitory factor for NR0B2 that can be directly linked to transcription inhibitory mechanisms.

Tissue specificity

Widely expressed. Most abundantly expressed in heart, skeletal muscle, pancreas, brain and testis. Expressed at much lower levels in placenta and peripheral blood leukocyte. Barely detectable in lung. Also weakly expressed in lung carcinoma A549 and various leukemia cell lines.

Developmental stage

Expression decreased with development in ventricular tissue while remaining highly expressed in adult atrial tissue. In primary cultures of human skeletal myocytes, expression decreased during myogenic differentiation (at protein level).

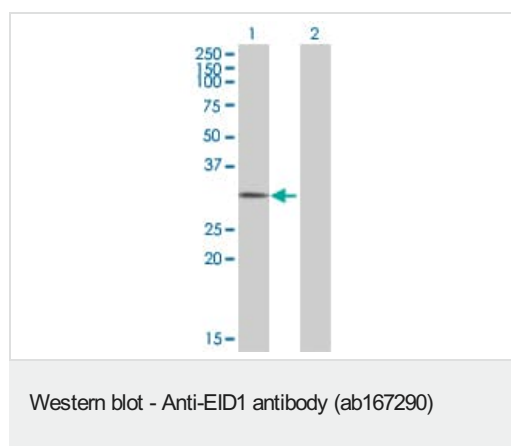
Post-translational modifications

Ubiquitinated in U-2OS osteosarcoma cells and is rapidly degraded by proteasome as cells exit the cell cycle exit.

Cellular localization

Nucleus. Cytoplasm. May shuttle between nucleus and cytoplasm.

Images



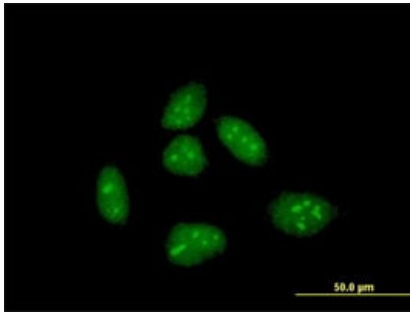
All lanes : Anti-EID1 antibody (ab167290) at 1 µg/ml

Lane 1 : EID1 transfected 293T cell line lysate

Lane 2 : Non-transfected 293T cell line lysate

Lysates/proteins at 15 µl per lane.

Predicted band size: 21 kDa



Immunofluorescent analysis of HeLa cells labeling EID1 with ab167290 at 10 µg/ml.

Immunocytochemistry/ Immunofluorescence - Anti-EID1 antibody (ab167290)

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

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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.

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