

Anti-Deformed Epidermal Autoregulatory Factor 1 antibody [EPR10322] - BSA and Azide free ab249279

Recombinant RabMAb

3 Images

Overview

Product name	Anti-Deformed Epidermal Autoregulatory Factor 1 antibody [EPR10322] - BSA and Azide free
Description	Rabbit monoclonal [EPR10322] to Deformed Epidermal Autoregulatory Factor 1 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB Unsuitable for: Flow Cyt, IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab249279 is the carrier-free version of ab156591.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Affinity purified
Clonality	Monoclonal
Clone number	EPR10322
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab249279 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
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 59 kDa.

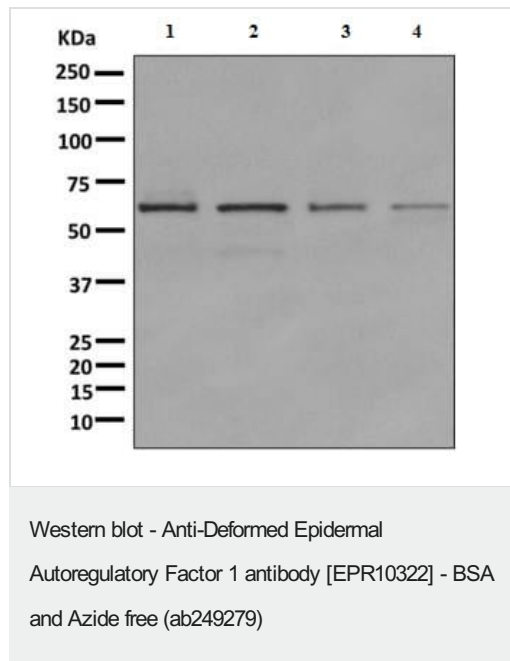
Application notes Is unsuitable for Flow Cyt, IHC-P or IP.

Target

Function	Transcription factor that binds to sequence with multiple copies of 5'-TTC[CG]G-3' present in its own promoter and that of the HNRPA2B1 gene. Down-regulates transcription of these genes. Binds to the retinoic acid response element (RARE) 5'-AGGGTTCACCGAAAGTTCA-3'. Activates the proenkephalin gene independently of promoter binding, probably through protein-protein interaction. When secreted, behaves as an inhibitor of cell proliferation, by arresting cells in the G0 or G1 phase. Required for neural tube closure and skeletal patterning. Regulates epithelial cell proliferation and side-branching in the mammary gland. Controls the expression of peripheral tissue antigens in pancreatic lymph nodes. Isoform 1 displays greater transcriptional activity than isoform 4. Isoform 4 may inhibit transcriptional activity of isoform 1 by interacting with isoform 1 and retaining it in the cytoplasm.
Tissue specificity	Expressed in various tissues and cells such as in peripheral mononuclear cells and hormone-secreting pituitary cells. Expression in pancreatic lymph nodes of patients with type 1 diabetes is 20 times higher than in healthy controls.
Sequence similarities	Contains 1 MYND-type zinc finger. Contains 1 SAND domain.
Cellular localization	Cytoplasm. Nucleus. When expressed alone, localizes mainly in the cytoplasm but, when expressed with isoform 1, nuclear localization is enhanced; Nucleus. Cytoplasm. Cytoplasmic in non-mucinous colorectal carcinoma. When expressed alone, localized almost exclusively in the nucleus but, when expressed with isoform 4, nuclear expression decreases to 32% and

cytoplasmic expression increases by 270% and Secreted. Secreted in some cell types.

Images



All lanes : Anti-Deformed Epidermal Autoregulatory Factor 1 antibody [EPR10322] ([ab156591](#)) at 1/1000 dilution

Lane 1 : 293T cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : SH-SY5Y cell lysate

Lane 4 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 59 kDa

This data was developed using [ab156591](#), the same antibody clone in a different buffer formulation.



This data was developed using [ab156591](#), the same antibody clone in a different buffer formulation. Immunofluorescent analysis of HeLa cells labeling Deformed Epidermal Autoregulatory Factor 1 with [ab156591](#) at 1/100 dilution.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Deformed Epidermal Autoregulatory Factor 1
antibody [EPR10322] - BSA and Azide free
(ab249279)

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

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