abcam

Product datasheet

Anti-AER61 antibody [EPR12944] - BSA and Azide free ab251028

Recombinant RabMAb

3 Images

Overview

Product name	Anti-AER61 antibody [EPR12944] - BSA and Azide free
Description	Rabbit monoclonal [EPR12944] to AER61 - BSA and Azide free
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Mouse, Rat, Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
General notes	ab251028 is the carrier-free version of **ab190693**. 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. 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. 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. 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. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

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	Protein A purified
Clonality	Monoclonal
Clone number	EPR12944
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab251028 in the following tested applications.

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

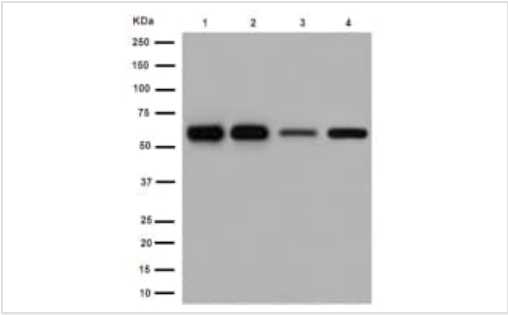
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 62 kDa.

Target

Relevance Function: Catalyzes the transfer of a single N-acetylglucosamine from UDP-GlcNAc to a serine or threonine residue in extracellular proteins resulting in their modification with a beta-linked N-acetylglucosamine (O-GlcNAc). Specifically glycosylates the Thr residue located between the fifth and sixth conserved cysteines of folded EGF-like domains. Disease: Adams-Oliver syndrome 4 Similarity: Belongs to the glycosyltransferase 61 family.

Cellular localization Secreted

Images



Western blot - Anti-AER61 antibody [EPR12944] - BSA and Azide free (ab251028)

All lanes : Anti-AER61 antibody [EPR12944] (**ab190693**) at 1/1000 dilution

Lane 1 : Neuro-2a cell lysate
Lane 2 : U87-MG cell lysate
Lane 3 : HeLa cell lysate
Lane 4 : Caco 2 cell lysate

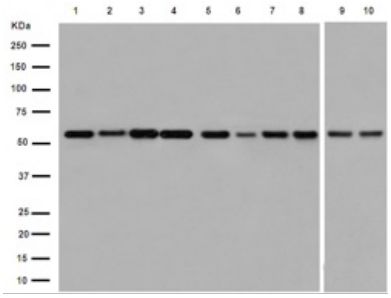
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 62 kDa

This data was developed using **ab190693**, the same antibody clone in a different buffer formulation.



Western blot - Anti-AER61 antibody [EPR12944] - BSA and Azide free (ab251028)

All lanes : Anti-AER61 antibody [EPR12944] (**ab190693**) at 1/1000 dilution

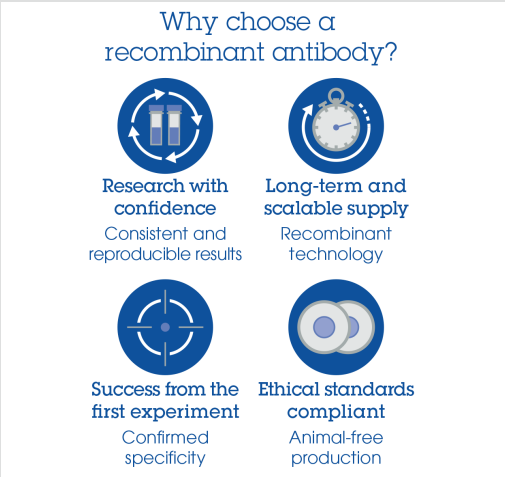
Lane 1 : Mouse brain tissue lysate
Lane 2 : Mouse heart tissue lysate
Lane 3 : Mouse kidney tissue lysate
Lane 4 : Mouse spleen tissue lysate
Lane 5 : Rat brain tissue lysate
Lane 6 : Rat heart tissue lysate
Lane 7 : Rat kidney tissue lysate
Lane 8 : Rat spleen tissue lysate
Lane 9 : C6 cell lysate
Lane 10 : Raw264.7 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated

Predicted band size: 62 kDa

This data was developed using **ab190693**, the same antibody clone in a different buffer formulation.



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