

Product datasheet

Anti-AER61 antibody [EPR12944] ab190693

Recombinant RabMAb

[1 References](#) [3 Images](#)

Overview

Product name	Anti-AER61 antibody [EPR12944]
Description	Rabbit monoclonal [EPR12944] to AER61
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.
Positive control	Neuro-2a, U87-MG, HeLa, Caco 2, C6, Raw264.7 cell lysates; Mouse brain, heart, kidney and spleen, Rat brain, heart, kidney and spleen tissue lysates
General notes	<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR12944
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab190693 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		1/1000 - 1/10000. Predicted molecular weight: 62 kDa.

Target

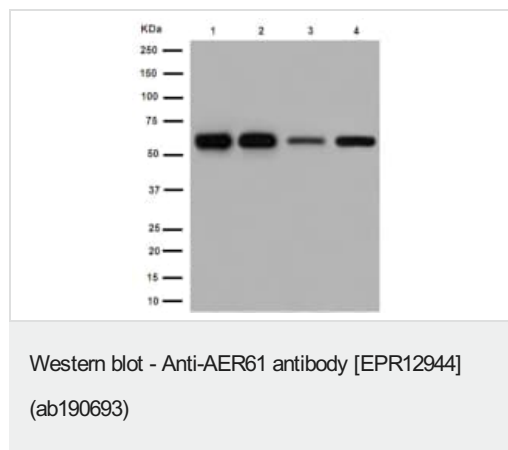
Relevance

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



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

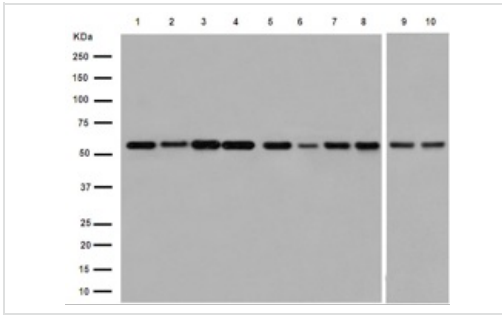
Lane 4 : Caco 2 cell lysate

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



Western blot - Anti-AER61 antibody [EPR12944] (ab190693)

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

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-AER61 antibody [EPR12944] (ab190693)

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

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