


Product datasheet

Anti-ASIC2 antibody [EPR11029] α b169768

Recombinant RabMAb

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Overview

Product name	Anti-ASIC2 antibody [EPR11029]
Description	Rabbit monoclonal [EPR11029] to ASIC2
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide corresponding to Human ASIC2 aa 450-550 (Cysteine residue). Database link: Q16515
Positive control	Human fetal kidney and Human glioma 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.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR11029

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab169768 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 - 1/5000. Predicted molecular weight: 58 kDa.

Application notes Is unsuitable for ICC/IF, IHC-P or IP.

Target

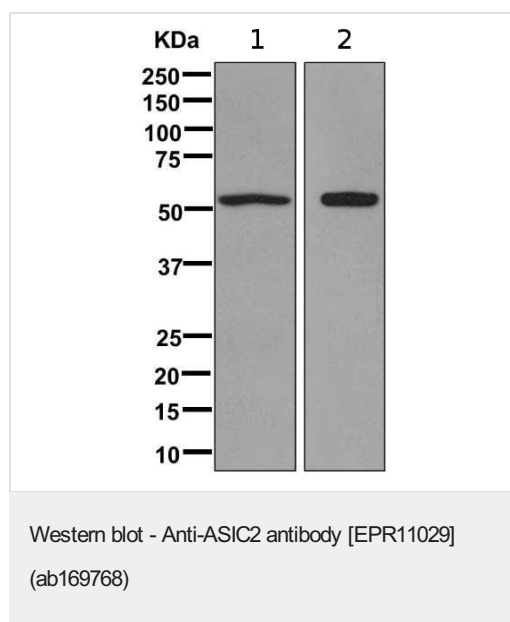
Function Cation channel with high affinity for sodium, which is gated by extracellular protons and inhibited by the diuretic amiloride. Also permeable for Li(+) and K(+). Generates a biphasic current with a fast inactivating and a slow sustained phase. Heteromeric channel assembly seems to modulate.

Tissue specificity Brain and spinal cord. Isoform 1 is also detected in testis, liver, colon and ovary.

Sequence similarities Belongs to the amiloride-sensitive sodium channel (TC 1.A.6) family. ACCN1 subfamily.

Cellular localization Cell membrane. Localized at the plasma membrane of neurons, in the soma and punctated peripheral processes.

Images



All lanes : Anti-ASIC2 antibody [EPR11029] (ab169768) at 1/1000 dilution

Lane 1 : Human fetal kidney lysate

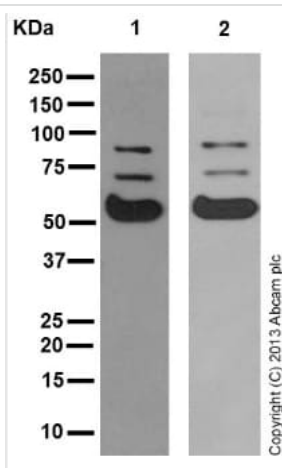
Lane 2 : Human glioma lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 58 kDa



Western blot - Anti-ASIC2 antibody [EPR11029] (ab169768)

All lanes : Anti-ASIC2 antibody [EPR11029] (ab169768) at 1/1000 dilution

Lane 1 : Mouse brain lysate

Lane 2 : Rat brain lysate

Secondary

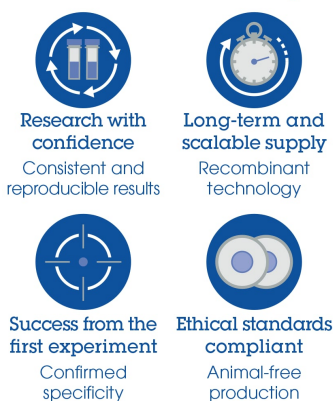
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 58 kDa

Observed band size: 58 kDa

Exposure time: 60 seconds

Why choose a recombinant antibody?



Anti-ASIC2 antibody [EPR11029] (ab169768)

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

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