

Product datasheet

Anti-GNAX+GNAZ antibody [EPR8654] - BSA and Azide free ab249149

Recombinant RabMAb

1 Image

Overview

Product name	Anti-GNAX+GNAZ antibody [EPR8654] - BSA and Azide free
Description	Rabbit monoclonal [EPR8654] to GNAX+GNAZ - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human GNAX+GNAZ. The exact sequence is proprietary. Database link: P19086
General notes	<p>ab249149 is the carrier-free version of ab154846. This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.</p> <p>Our carrier-free formats are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.</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>Ab249149 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm.</p> <p><i>Maxpar® is a trademark of Fluidigm Canada Inc.</i></p> <p>This product was previously labelled as G protein alpha z, G Protein alpha x+z</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	EPR8654
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab249149** in the following tested applications.

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

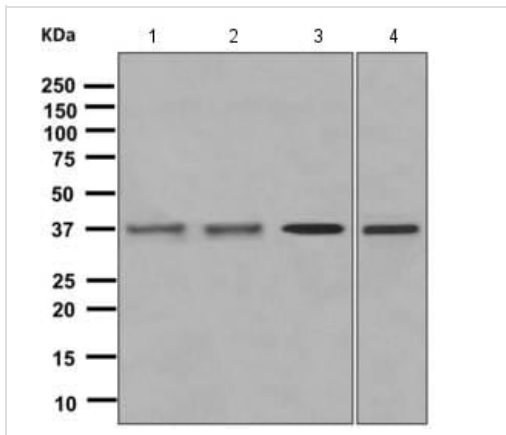
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 41 kDa. Dilute primary antibody in 1% BSA.

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

Target

Function	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.
Sequence similarities	Belongs to the G-alpha family. G(i/o/t/z) subfamily.
Cellular localization	Membrane.

Images



Western blot - Anti-GNAX+GNAZ antibody
[EPR8654] - BSA and Azide free (ab249149)

All lanes : Anti-GNAX+GNAZ antibody [EPR8654] ([ab154846](#)) at 1/1000 dilution

Lane 1 : Human fetal brain lysate

Lane 2 : Human cerebellum lysate

Lane 3 : rat brain lysate

Lane 4 : mouse brain lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 41 kDa

This data was developed using [ab154846](#), the same antibody clone in a different buffer formulation.

Dilute primary antibody in 1% BSA.

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

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