

Product datasheet

Anti-GNB2 antibody [EPR3261Y] α b81272

Recombinant RabMAb

★★★★☆ 1 Abreviews 1 Image

Overview

Product name	Anti-GNB2 antibody [EPR3261Y]
Description	Rabbit monoclonal [EPR3261Y] to GNB2
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC, Flow Cyt, IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human GNB2 aa 1-100 (N terminal). The exact sequence is proprietary.
Positive control	SHSY5Y, Jurkat and NIH3T3 cell lysates
General notes	

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#)

This product is a recombinant rabbit monoclonal antibody.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR3261Y
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab81272** in the following tested applications.

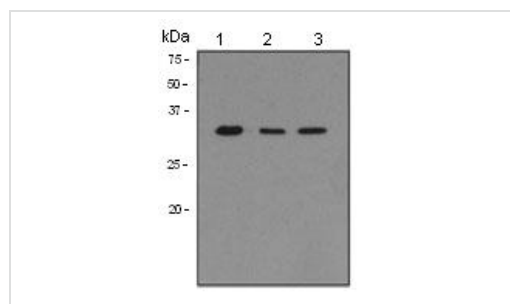
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration.
WB	★★★★☆	1/5000 - 1/20000. Predicted molecular weight: 37 kDa.
ICC		1/100 - 1/250.
Flow Cyt		1/50. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IP		1/20.

Target

Function	Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction.
Sequence similarities	Belongs to the WD repeat G protein beta family. Contains 7 WD repeats.
Cellular localization	Cytoplasm > perinuclear region.

Images



Western blot - Anti-GNB2 antibody [EPR3261Y]
(ab81272)

All lanes : Anti-GNB2 antibody [EPR3261Y]
(ab81272) at 1/20000 dilution

Lane 1 : SHSY5Y cell lysates

Lane 2 : Jurkat cell lysates

Lane 3 : NIH3T3 cell lysates

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 37 kDa

Observed band size: 35 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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