abcam

Product datasheet

Anti-GPR172B antibody ab76770

Overview

Product name	Anti-GPR172B antibody
Description	Rabbit polyclonal to GPR172B
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Mouse **Predicted to work with:** Rat
Immunogen	Synthetic peptide derived from an internal domain of mouse GPR172B protein

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab76770 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		1/100 - 1/1000. Predicted molecular weight: 46 kDa.

Target

Function Riboflavin transporter. Riboflavin transport is Na(+)-independent but moderately pH-sensitive. Activity is strongly inhibited by riboflavin analogs, such as lumiflavin. Weakly inhibited by flavin

	adenine dinucleotide (FAD). In case of infection by retroviruses, acts as a cell receptor to retroviral envelopes similar to the porcine endogenous retrovirus (PERV-A).
Tissue specificity	Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.
Involvement in disease	Riboflavin deficiency
Sequence similarities	Belongs to the riboflavin transporter family.
Cellular localization	Cell membrane.

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