

Product datasheet

Anti-GPR56 antibody ab88700

3 Images

Overview

Product name	Anti-GPR56 antibody
Description	Mouse polyclonal to GPR56
Host species	Mouse
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Full length Human protein
Positive control	Stomach lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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	pH: 7.4 Constituent: 2.68% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab88700 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 a concentration of 1 µg/ml. Predicted molecular weight: 78 kDa.
Flow Cyt		Use at an assay dependent concentration. ab37355 - Mouse polyclonal IgG, is suitable for use as an isotype control with this antibody.

Target

Function

Could be involved in cell-cell interactions.

Tissue specificity

Widely distributed with highest levels found in thyroid gland, brain and heart. Expressed in a great number of tumor cells.

Involvement in disease

Polymicrogyria, bilateral frontoparietal (BFPP) [MIM:606854]: A malformation of the cortex in which the brain surface is irregular and characterized by an excessive number of small gyri with abnormal lamination, most severe in the frontoparietal regions. BFPP clinical manifestations include developmental and psychomotor delay, cerebellar and pyramidal signs, truncal ataxia, seizures, hyperreflexia. Polymicrogyria is a heterogeneous disorder, considered to be the result of postmigratory abnormal cortical organization. Note=The disease is caused by mutations affecting the gene represented in this entry.

Sequence similarities

Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.
Contains 1 GPS domain.

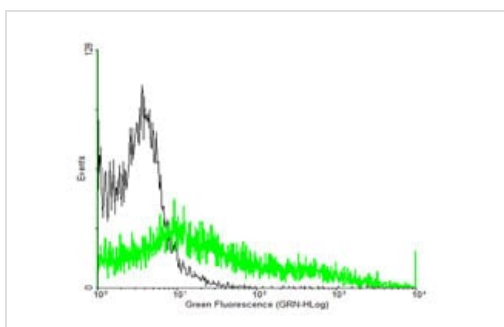
Post-translational modifications

The endogenous protein is proteolytically cleaved into 2 subunits, an extracellular subunit and a seven-transmembrane subunit.

Cellular localization

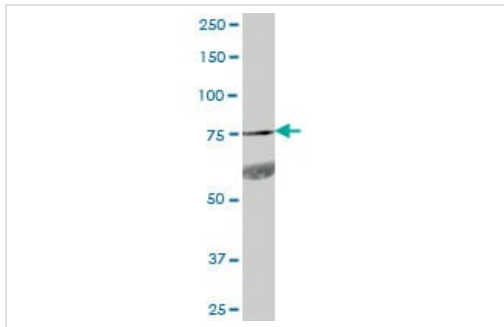
Cell membrane.

Images



Flow Cytometry - Anti-GPR56 antibody (ab88700)

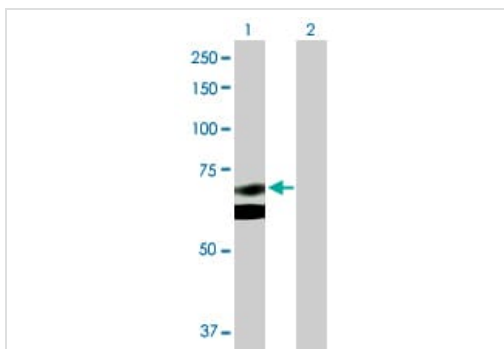
FACS analysis of negative control 293 cells (Black) and GPR56-expressing 293 cells (Green) using ab88700 at 1µg/ml.



Western blot - Anti-GPR56 antibody (ab88700)

Anti-GPR56 antibody (ab88700) at 1/500 dilution + Human stomach lysate at 50 μ g

Predicted band size: 78 kDa



Western blot - Anti-GPR56 antibody (ab88700)

All lanes : Anti-GPR56 antibody (ab88700) at 1 μ g/ml

Lane 1 : GPR56-transfected 293T cell lysate

Lane 2 : non transfected lysate

Lysates/proteins at 25 μ g per lane.

Predicted band size: 78 kDa

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