


Anti-GPR56 antibody - N-terminal ab188969

1 Image

Overview

Product name	Anti-GPR56 antibody - N-terminal
Description	Rabbit polyclonal to GPR56 - N-terminal
Host species	Rabbit
Specificity	BLAST analysis of the peptide immunogen showed no homology with other Human proteins, except MACF1 (44%).
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee, Monkey, Gorilla, Common marmoset, Orangutan 
Immunogen	Synthetic peptide within Human GPR56 aa 75-125 (extracellular). The exact sequence is proprietary. 18 amino acid peptide from N terminal extracellular domain. Database link: Q9Y653
Positive control	Human prostate tissue.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab188969 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 a concentration of 7.5 - 10 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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.

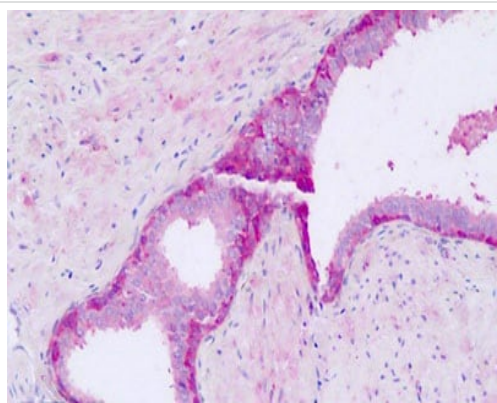
Post-translational modifications

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

Cellular localization

Cell membrane.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human prostate tissue, labeling GPR56 with ab188969 at 10 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GPR56 antibody - N-terminal (ab188969)

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

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