abcam

Product datasheet

Anti-GPR56 antibody ab174697

1 References 1 Image

Overview

Product name	Anti-GPR56 antibody
Description	Rabbit polyclonal to GPR56
Host species	Rabbit
Tested applications	**Suitable for:** IHC-P
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Rat, Hamster, Cow, Dog, Pig, Chimpanzee, Monkey, Gorilla, Orangutan
Immunogen	Synthetic peptide corresponding to Human GPR56 (intracellular). (16 amino acid peptide from 1st cytoplasmic domain). Database link: Q9Y653

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	Preservative: 0.1% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our Abpromise guarantee covers the use of **ab174697** in the following tested applications.

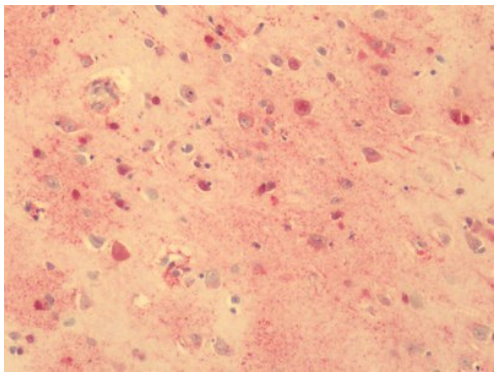
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 4 - 21 µg/ml.

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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GPR56 antibody (ab174697)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human, brain tissue labeling GPR56 with ab174697 at 21 µg/ml.

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