10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-GPR172A Antibody

Rabbit polyclonal antibody to GPR172A

Catalog # AP60803

Specification

Anti-GPR172A Antibody - Product Information

Application	**WB**
Primary Accession	Q9HAB3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**45777**

Anti-GPR172A Antibody - Additional Information

Gene ID 79581

Other Names
GPR172A; PAR1; RFT3; Solute carrier family 52, riboflavin transporter, member 2; Porcine endogenous retrovirus A receptor 1; PERV-A receptor 1; Protein GPR172A; Riboflavin transporter 3; hRFT3

Target/Specificity
Recognizes endogenous levels of GPR172A protein.

Dilution
WB~~WB (1/500 - 1/1000)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-GPR172A Antibody - Protein Information

Name SLC52A2

Synonyms GPR172A, PAR1, RFT3

Function
Plasma membrane transporter mediating the uptake by cells of the water soluble vitamin B2/riboflavin that plays a key role in biochemical oxidation-reduction reactions of the carbohydrate, lipid, and amino acid metabolism (PubMed:20463145, PubMed:22864630, PubMed:23243084, PubMed:<a

href="http://www.uniprot.org/citations/24253200" target="_blank">24253200, PubMed:27702554). Humans are unable to synthesize vitamin B2/riboflavin and must obtain it via intestinal absorption (PubMed:20463145). May also act as a receptor for 4- hydroxybutyrate (Probable).

Cellular Location
Cell membrane; Multi-pass membrane protein

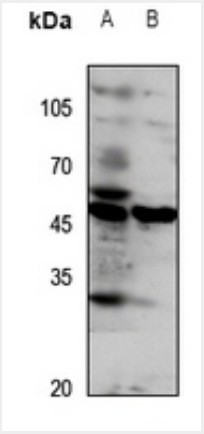
Tissue Location
Highly expressed in brain, fetal brain and salivary gland. Weakly expressed in other tissues.

Anti-GPR172A Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-GPR172A Antibody - Images



Western blot analysis of GPR172A expression in HEK293T (A), MCF7 (B) whole cell lysates.

Anti-GPR172A Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR172A. The exact sequence is proprietary.