

RTP1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP10527b

Product Information

Application WB, E Primary Accession P59025

Other Accession <u>Q8C8C1</u>, <u>Q95IK0</u>, <u>NP 714919.2</u>

Reactivity Human, Mouse

Predicted Monkey
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Clone Names RB28483
Calculated MW 30913
Antigen Region 161-189

Additional Information

Gene ID 132112

Other Names Receptor-transporting protein 1, RTP1

Target/SpecificityThis RTP1 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 161-189 amino acids from the

C-terminal region of human RTP1.

Dilution WB~~1:1000 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions RTP1 Antibody (C-term) is for research use only and not for use in diagnostic

or therapeutic procedures.

Protein Information

Name RTP1

Synonyms Z3CXXC1

Function Specifically promotes functional cell surface expression of olfactory

receptors, but not of other GPCRs.

Cellular Location Cell membrane; Single-pass type III membrane protein. Note=Effective cell

surface expression depends upon interaction with olfactory receptors.

Tissue Location Expressed in testis..

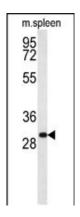
Background

Specifically promotes functional cell surface expression of olfactory receptors, but not of other GPCRs (By similarity).

References

Zhuang, H., et al. J. Biol. Chem. 282(20):15284-15293(2007) Behrens, M., et al. J. Biol. Chem. 281(29):20650-20659(2006) Clark, A.J., et al. Trends Endocrinol. Metab. 16(10):451-457(2005) Saito, H., et al. Cell 119(5):679-691(2004)

Images



RTP1 Antibody (C-term) (Cat. #AP10527b) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the RTP1 antibody detected the RTP1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.