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RTP1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10527b

Product Information

Application	WB, E
Primary Accession	P59025
Other Accession	Q8C8C1, Q95JK0, NP_714919.2
Reactivity	Human, Mouse
Predicted	Monkey, Rat, Bovine, Canine, Rabbit
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/Specificity	This 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..

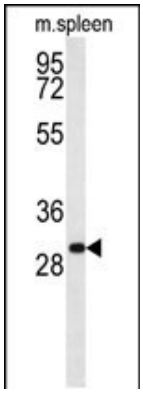
Background

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'.