

RTP1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10527b

Specification

RTP1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P59025
Other Accession	Q8C8C1 , Q95JK0 , NP_714919.2
Reactivity	Human, Mouse
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	30913
Antigen Region	161-189

RTP1 Antibody (C-term) - 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.

RTP1 Antibody (C-term) - 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.

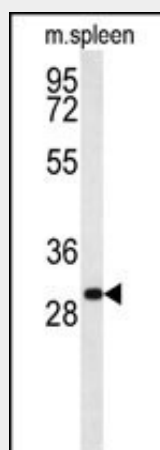
Tissue Location

Expressed in testis..

RTP1 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RTP1 Antibody (C-term) - 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).

RTP1 Antibody (C-term) - Background

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

RTP1 Antibody (C-term) - 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)