

Rabbit RTP1 Polyclonal Antibody | anti-RTP1 antibody

RTP1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287599	Rabbit	Human, Mouse Predicted Reactivity: Monkey	ELISA, Western Blot

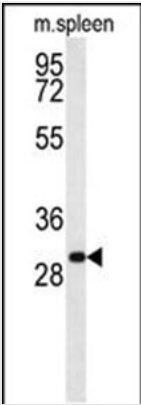
PRODUCT SYNONYMS

RTP1; Polyclonal Antibody; RTP1 Antibody (C-term); Receptor-transporting protein 1; anti-RTP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Monkey
Clonality	Polyclonal
Isotype	IgG
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.
Purity/Purification	Purified through a protein A column, followed by peptide affinity purification.
Form/Format	Supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	161-189
Sequence Length	263
Applicable Applications for anti-RTP1 antibody	ELISA, WB (Western Blot)
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
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



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

ADDITIONAL INFORMATION

Related Product Information for anti-RTP1 antibody	Specifically promotes functional cell surface expression of olfactory receptors, but not of other GPCRs (By similarity).
Product Categories/Family for anti-RTP1 antibody	Neuroscience; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	114687645
NCBI GeneID	132112
NCBI Accession #	NP_714919.2
NCBI GenBank Nucleotide #	NM_153708.2
UniProt Accession #	P59025
Molecular Weight	Calculated MW: 30913
NCBI Official Full Name	receptor-transporting protein 1
NCBI Official Synonym Full Names	receptor (chemosensory) transporter protein 1
NCBI Official Symbol	RTP1
NCBI Official Synonym Symbols	Z3CXXC1
NCBI Protein Information	receptor-transporting protein 1
UniProt Protein Name	Receptor-transporting protein 1
UniProt Gene Name	RTP1
UniProt Synonym Gene Names	Z3CXXC1
UniProt Entry Name	RTP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rtp1-antibody-western-blot-elisa/287599>