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AKAP14 Rabbit pAb

Catalog # AP96836

Product Information

Application	WB
Primary Accession	O35817
Other Accession	O35817
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55756
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from rat AKAP14
Epitope Specificity	81-180/502
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBUNIT	Binds to type II regulatory subunits (RII).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of A-kinase anchoring proteins (AKAPs), a family of functionally related proteins that target protein kinase A to discrete locations within the cell. The human ortholog of this gene has been characterized. It is reported to be enriched in airway cilia and to regulate ciliary beat frequency by anchoring the protein kinase A holoenzyme near substrates in the axoneme. [provided by RefSeq, May 2013].

Additional Information

Gene ID	60332
Other Names	AKA14_RAT; Akap14; AKAP-14; TAKAP-1.2; Testis-specific A-kinase-anchoring protein TAKAP-80; Takap80; AKA28_HUMAN; A-kinase anchor protein 28 kDa (AKAP 28); Protein kinase A-anchoring protein 14 (PRKA14); AKAP28; PRKA14; A-kinase anchoring protein 14; A kinase (PRKA) anchor protein 14
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Akap14
Synonyms	Takap80
Function	Binds to type II regulatory subunits of protein kinase A and anchors/targets them.
Cellular Location	Cytoplasm. Note=In fibrous sheath from epididymal sperm
Tissue Location	Testis specific..

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