

AKAP7 antibody - middle region

Rabbit Polyclonal Antibody Catalog # AI10966

Product Information

Application WB
Primary Accession Q9P0M2

Other Accession <u>NM 016377, NP 057461</u>

ReactivityHuman, Mouse, Rat, Rabbit, Dog, Horse, Bovine **Predicted**Human, Mouse, Rat, Rabbit, Dog, Horse, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 39518

Additional Information

Gene ID 9465

Alias Symbol AKAP18, AKAP15

Other Names A-kinase anchor protein 7 isoform gamma, AKAP-7 isoform gamma, A-kinase

anchor protein 18 kDa, AKAP 18, Protein kinase A-anchoring protein 7 isoform

gamma, PRKA7 isoform gamma, AKAP7, AKAP18

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 100 ul of distilled water. Final anti-AKAP7 antibody concentration is 1

mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at

20°C. Avoid repeat freeze-thaw cycles.

Precautions AKAP7 antibody - middle region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name AKAP7

Synonyms AKAP18

Function Probably targets cAMP-dependent protein kinase (PKA) to the cellular

membrane or cytoskeletal structures. The membrane-associated form reduces epithelial sodium channel (ENaC) activity, whereas the free

cytoplasmic form may negatively regulate ENaC channel feedback inhibition

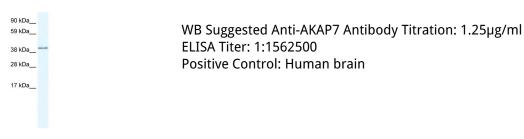
by intracellular sodium.

Cellular Location Nucleus. Cytoplasm

References

Brown,R.L., et al., (2003) Biochem. Biophys. Res. Commun. 306 (2), 394-401Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



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