

AKAP7 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10966**Specification**

AKAP7 antibody - middle region - Product Information

Application	WB
Primary Accession	Q9P0M2
Other Accession	NM_016377 , NP_057461
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Rabbit, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36kDa KDa

AKAP7 antibody - middle region - 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.

AKAP7 antibody - middle region - 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

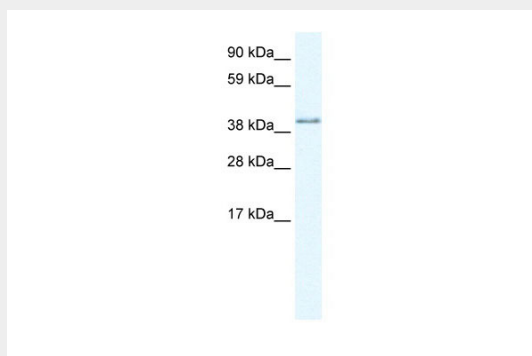
Tissue Location

Expressed in brain, heart, lung, pancreas and placenta.

AKAP7 antibody - middle region - 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](#)

AKAP7 antibody - middle region - Images

WB Suggested Anti-AKAP7 Antibody Titration: 1.25µg/ml

ELISA Titer: 1:1562500

Positive Control: Human brain

AKAP7 antibody - middle region - References

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