



Rabbit Anti-AKAP2/PALM2 antibody

SL9028R

Product Name:	AKAP2/PALM2
Chinese Name:	蛋白激酶A2抗体
Alias:	A kinase (PRKA) anchor protein 2; A kinase anchor protein 2; AKAP 2; AKAP KL; AKAPKL; KIAA0920; PALM 2; PALM2; PRKA 2; PRKA2; Protein kinase A anchoring protein 2; Protein kinase A2; AKAP2 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Chicken,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	95kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human AKAP2:151-250/859
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	AKAP2 binds to regulatory subunit (RII) of protein kinase A and can be differentially expressed as a natural AKAP2-PALM2 chimeric protein. It may be involved in establishing polarity in signaling systems or in integrating PKA-RII isoforms with downstream effectors to capture, amplify and focus diffuse, trans-cellular signals carried by cAMP. There are 2 named isoforms produced by alternative splicing.

Function:

Binds to regulatory subunit (RII) of protein kinase A. May be involved in establishing polarity in signaling systems or in integrating PKA-RII isoforms with downstream effectors to capture, amplify and focus diffuse, trans-cellular signals carried by cAMP (By similarity).

SWISS:

Q9Y2D5

Gene ID:

11217

Database links:

[Entrez Gene: 11217](#) Human

[Omim: 604582](#) Human

[SwissProt: Q9Y2D5](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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