

ARG59317 anti-AKAP2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes AKAP2
Tested Reactivity	Hu, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	AKAP2
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 813-852 of Human AKAP2. (ETHKSKRRERMDDSSVLEATRVNRRKKSALALRWEAGIYAN)
Conjugation	Un-conjugated
Alternate Names	AKAP-2; AKAPKL; PRKA2; A-kinase anchor protein 2; AKAP-KL; Protein kinase A-anchoring protein 2

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

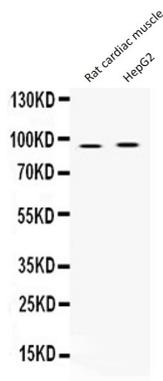
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	AKAP2
Gene Full Name	A kinase (PRKA) anchor protein 2
Background	The protein encoded by this gene binds to the regulatory subunit of protein kinase A and is found associated with the actin cytoskeleton. The encoded protein mediates signals carried by cAMP and may be involved in creating polarity in certain signaling processes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]
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). [UniProt]
Calculated Mw	95 kDa

Images



ARG59317 anti-AKAP2 antibody WB image

Western blot: Rat cardiac muscle and HepG2 whole cell lysates stained with ARG59317 anti-AKAP2 antibody at 0.5 µg/ml dilution.