

AKAP9 Rabbit Polyclonal Antibody

Catalog# UZ-PA00495

Product information

产品货号	UZ-PA00495
别名	AKAP350;AKAP450;KIAA0803
产品名称	AKAP9 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	AKAP9
推荐应用	IHC-P,IF-P,IF-F,IF-ICC
反应种属	Human,Rat,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Human Gene ID	10142
Human Swissprot No.	Q99996
免疫原	Synthesized peptide derived from human protein . at AA range: 2610-2690
稀释度	IHC-P 1:50-300, IF-P/IF-F/IF-ICC 1:50-200
预测分子量	430kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. Alternate splicing of this gene results in at least two isoforms that localize to the centrosome and the Golgi apparatus, and interact with numerous signaling proteins from multiple signal transduction pathways. These signaling proteins include type II protein kinase A, serine/threonine kinase protein kinase N, protein phosphatase 1, protein phosphatase 2a, protein kinase C-epsilon and phosphodiesterase 4D3. [provided by RefSeq, Aug 2008].
细胞定位	Golgi apparatus . Cytoplasm . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasmic in parietal cells (PubMed:9915845). Recruited to the Golgi apparatus by GM130/GOLGA2 (PubMed:25657325). Localization at the centrosome versus Golgi apparatus may be cell line-dependent. In SKBr3 and HEK293F cells, exclusively located at the centrosome (PubMed:29162697). In HeLa, MDA-MB231 and RPE-1 cells, detected at the Golgi apparatus (PubMed:25217626, PubMed:29162697). In SK-BR-3 cells, recruited to the centrosome in the presence of CDK5RAP2 (PubMed:29162697).
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal