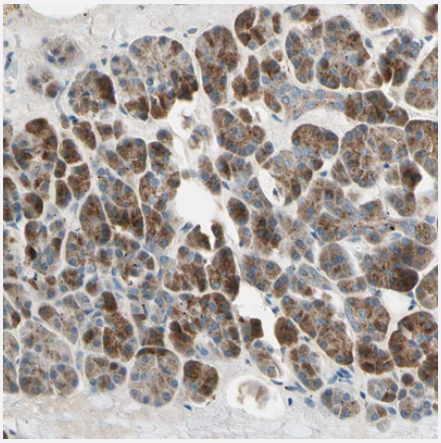
AKAP9 polyclonal antibody

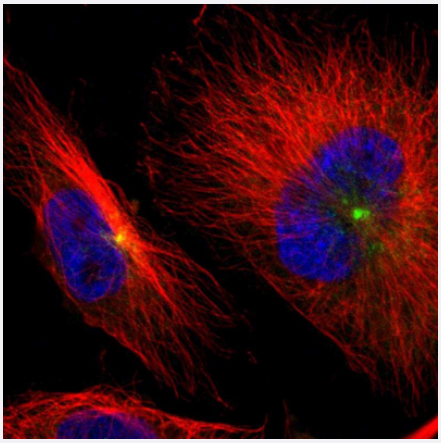
Catalog # PAB30559 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas with AKAP9 polyclonal antibody (Cat # PAB30559) shows strong cytoplasmic positivity in exocrine glandular cells.



Immunofluorescence

Immunofluorescent staining of human cell line U-251 MG with AKAP9 polyclonal antibody (Cat # PAB30559) shows positivity in the Golgi apparatus and centrosome. Antibody staining is shown in green.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human AKAP9.
Immunogen	Recombinant protein corresponding to amino acids 963-1110 of human AKAP9.
Sequence	EKLELSQRLSDLSEQLKQKHGEISFLNEEVKSLKQEKEQVSLRCRELEIIINHNRAENVQSCDTQV SSLLDGVVTMTSRGAEGSVSKVNKSFGEESKIMVEDKVSFENMTVGEESKQEQLILDHLPSVTK ESSLRATQPSENDKLQKE

Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1 - 4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200 - 1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — AKAP9

Entrez GeneID	10142
Protein Accession#	Q99996
Gene Name	AKAP9
Gene Alias	AKAP350, AKAP450, CG-NAP, HYPERION, KIAA0803, MU-RMS-40.16A, PRKA9, YOTIAO
Gene Description	A kinase (PRKA) anchor protein (yotiao) 9
Omim ID	604001

Gene Ontology	Hyperlink
Gene Summary	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 h oloenzyme 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 t he Golgi apparatus, and interact with numerous signaling proteins from multiple signal transductio n pathways. These signaling proteins include type II protein kinase A, serine/threonine kinase prot ein kinase N, protein phosphatase 1, protein phosphatase 2a, protein kinase C-epsilon and phos phodiesterase 4D3. [provided by RefSeq
Other Designations	A-kinase anchor protein 9|A-kinase anchor protein, 350kDa|A-kinase anchoring protein 450|AKA P120-like protein|AKAP9-BRAF fusion protein|centrosome- and golgi-localized protein|kinase N-associated protein|protein kinase A anchoring protein 9

Disease

- Adenocarcinoma
- Breast cancer
- Breast Neoplasms
- Colorectal Neoplasms
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Lung Neoplasms
- Mental Disorders
- Tobacco Use Disorder