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Product datasheet for TA322560

AKAP9 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 10-50 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	A-kinase anchoring protein 9
Database Link:	NP_005742 Entrez Gene 10142 Human Q99996
Background:	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.

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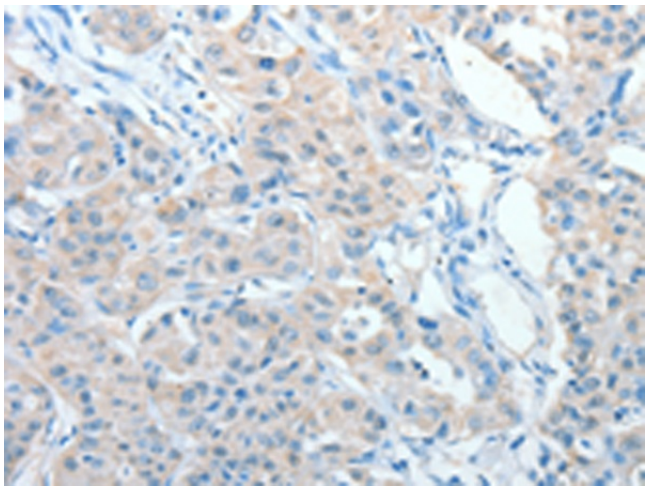
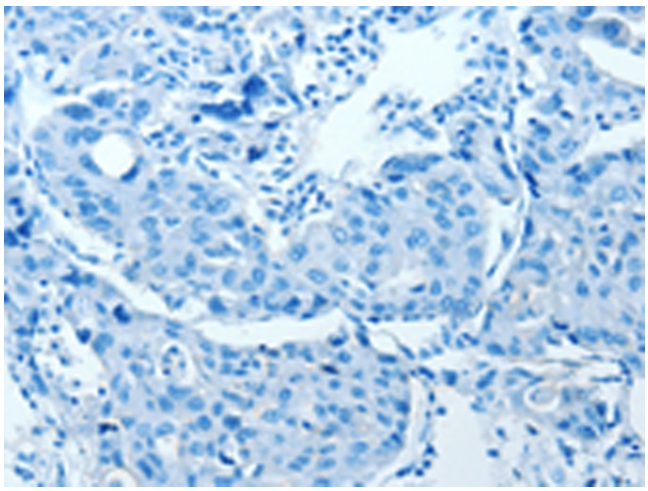
Synonyms: AKAP-9; AKAP350; AKAP450; CG-NAP; HYPERION; LQT11; MU-RMS-40.16A; PPP1R45; PRKA9; YOTIAO

Protein Families: Druggable Genome

Product images:



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA322560 (AKAP9 Antibody) at dilution 1/10 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA322560 (AKAP9 Antibody) at dilution 1/10, treated with fusion protein. (Original magnification: ×200)