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Datasheet for ABIN1394569
anti-AKAP7 antibody (AA 31-80) (Biotin)

Overview

Quantity:	100 µL
Target:	AKAP7
Binding Specificity:	AA 31-80
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP7 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AKAP7
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse, Sheep, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	AKAP7
Alternative Name:	AKAP7 (AKAP7 Products)

Target Details

Background: Synonyms: AKAP15, AKAP18, A-kinase anchor protein 7 isoforms alpha and beta, AKAP-7 isoforms alpha and beta, A-kinase anchor protein 18 kDa, AKAP 18, Protein kinase A-anchoring protein 7 isoforms alpha/beta, PRKA7 isoforms alpha/beta, AKAP7

Background: Targets the cAMP-dependent protein kinase (PKA) to the plasma membrane, and permits functional coupling to the L-type calcium channel. The membrane-associated form reduces epithelial sodium channel (ENaC) activity, whereas the free cytoplasmic form may negatively regulate ENaC channel feedback inhibition by intracellular sodium.

Gene ID: 9465

UniProt: [O43687](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months
