

Datasheet for ABIN1394566

anti-AKAP7 antibody (AA 31-80) (AbBy Fluor® 488)[Go to Product page](#)

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 AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months