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Datasheet for ABIN882032

anti-AKAP6 antibody (AA 1451-1650) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	AKAP6 (Akap6)
Binding Specificity:	AA 1451-1650
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP6 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AKAP6
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	AKAP6 (Akap6)
Alternative Name:	AKAP6 (Akap6 Products)
Background:	Synonyms: A kinase PRKA anchor protein 6, A kinase anchor protein 100, A kinase anchor

Target Details

protein 100 kDa, A kinase anchor protein 6, ADAP 100, ADAP 6, ADAP100, ADAP6, AKAP 100, AKAP 6, AKAP100, Human A kinase anchor protein AKAP100, KIAA0311, mAKAP, PRKA 6, PRKA6, Protein kinase A anchoring protein 6, AKAP6_HUMAN.

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. AKAP6 is a member of the AKAP family. It is highly expressed in various brain regions and cardiac and skeletal muscle. It is specifically localized to the sarcoplasmic reticulum and nuclear membrane, and is involved in anchoring PKA to the nuclear membrane or sarcoplasmic reticulum.

Gene ID:	9472
Pathways:	cAMP Metabolic Process , Regulation of Muscle Cell Differentiation

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