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Datasheet for ABIN1392090

## anti-PDE7B antibody (AA 281-360) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	PDE7B
Binding Specificity:	AA 281-360
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE7B antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDE7B
Isotype:	IgG
Specificity:	Due to the sequence similarity, there is a chance that this antibody will recognize PDE7A, but the sequence is not continuous.
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

## Target Details

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Target:	PDE7B
Alternative Name:	PDE7B ( <a href="#">PDE7B Products</a> )
Background:	Synonyms: bA472E5.1, cAMP-specific 3',5'-cyclic phosphodiesterase 7B, PDE7B Background: Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes. May be involved in the control of cAMP-mediated neural activity and cAMP metabolism in the brain.
Gene ID:	27115
UniProt:	<a href="#">Q9NP56</a>
Pathways:	<a href="#">cAMP Metabolic Process</a>

## Application Details

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Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

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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