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Datasheet for ABIN5005070

anti-IER3 antibody (AA 85-156) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	IER3
Binding Specificity:	AA 85-156
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IER3 antibody is conjugated to Alexa Fluor 680
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 IEX1/Differentiation dependent gene 2 protein
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	IER3
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Target Details

Alternative Name:	IEX1 (IER3 Products)
Background:	<p>Synonyms: DIF2, IEX1, PRG1, DIF-2, GLY96, IEX-1, IEX-1L, Radiation-inducible immediate-early gene IEX-1, Differentiation-dependent gene 2 protein, Protein DIF-2, Immediate early protein GLY96, Immediate early response 3 protein, PACAP-responsive gene 1 protein, Protein PRG1, IER3</p> <p>Background: May play a role in the ERK signaling pathway by inhibiting the dephosphorylation of ERK by phosphatase PP2A-PPP2R5C holoenzyme. Acts also as an ERK downstream effector mediating survival. As a member of the NUPR1/RELB/IER3 survival pathway, may provide pancreatic ductal adenocarcinoma with remarkable resistance to cell stress, such as starvation or gemcitabine treatment.</p>
Gene ID:	8870
UniProt:	P46695
Pathways:	Regulation of Carbohydrate Metabolic Process

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