

Datasheet for ABIN872466
anti-IER3 antibody (AA 85-156)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	IER3
Binding Specificity:	AA 85-156
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IER3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

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
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:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

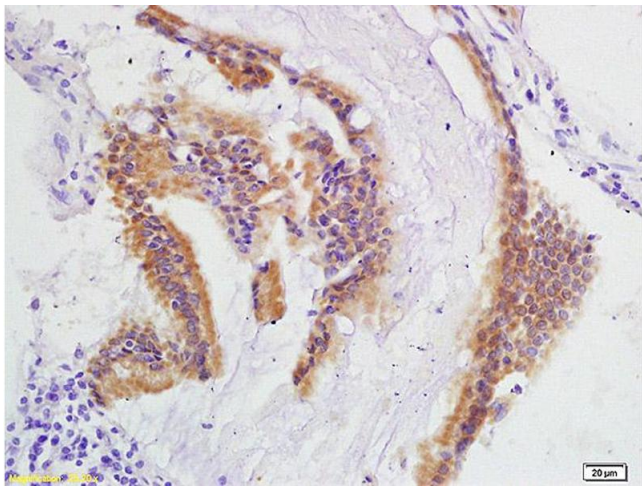
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human colon carcinoma labeled with Anti-IEX1/Differentiation Dependent Gene 2 protein Polyclonal Antibody, Unconjugated (ABIN872466) at 1:200 followed by conjugation to the secondary antibody and DAB staining