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Datasheet for ABIN7158996
anti-MARK3 antibody (AA 368-667)

2 Images

Overview

Quantity:	100 µg
Target:	MARK3
Binding Specificity:	AA 368-667
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MARK3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human MAP/microtubule affinity-regulating kinase 3 protein (368-667AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MARK3
Alternative Name:	MARK3 (MARK3 Products)
Background:	Background: Involved in the specific phosphorylation of microtubule-associated proteins for tau, MAP2 and MAP4. Phosphorylates CDC25C on '\Ser-216\' . Regulates localization and

Target Details

activity of some histone deacetylases by mediating phosphorylation of HDAC7, promoting subsequent interaction between HDAC7 and 14-3-3 and export from the nucleus.

Aliases: C-TAK1 antibody, Cdc25C associated protein kinase 1 antibody, Cdc25C-associated protein kinase 1 antibody, cTAK1 antibody, ELKL motif kinase 2 antibody, EMK-2 antibody, Emk2 antibody, ETK 1 antibody, KIAA4230 antibody, KP78 antibody, MAP microtubule affinity regulating kinase 3 antibody, MAP/microtubule affinity-regulating kinase 3 antibody, Mark3 antibody, MARK3_HUMAN antibody, Par 1a antibody, PAR1A antibody, Protein kinase STK10 antibody, Ser/Thr protein kinase PAR-1 antibody, Serine threonine protein kinase p78 antibody, Serine/threonine-protein kinase p78 antibody, SerThr protein kinase PAR 1 antibody

UniProt: [P27448](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

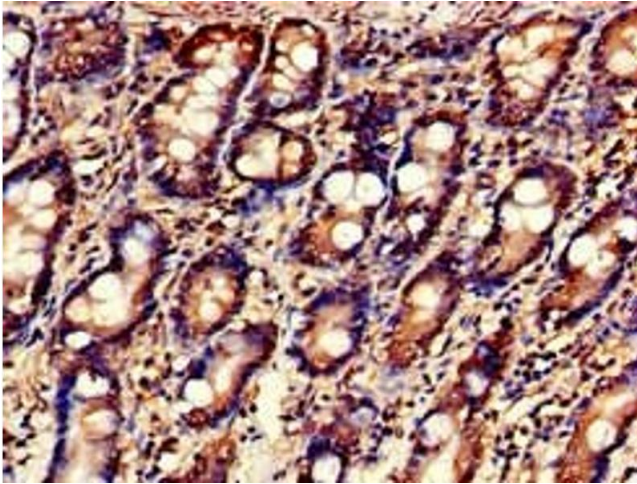
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

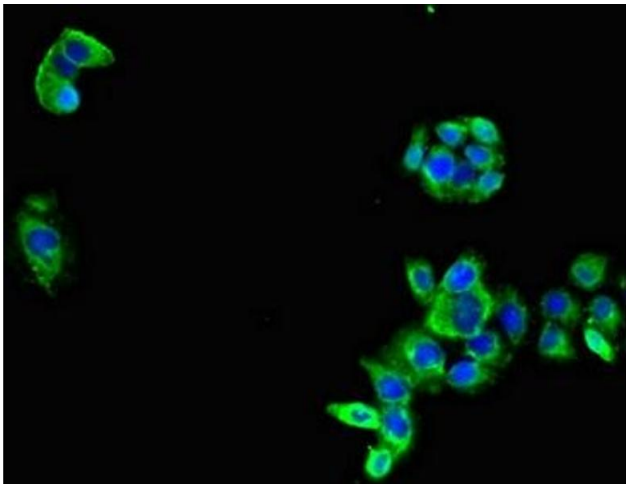
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7158996 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescent analysis of PC-3 cells using ABIN7158996 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)