

Datasheet for ABIN6944028
anti-MARK3 antibody



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Overview

Quantity:	100 µL
Target:	MARK3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This MARK3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Recombinant protein within human Mark3 aa 600-750.
Clone:	2F7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	MARK3
Alternative Name:	MARK3 (MARK3 Products)

Target Details

Background:	Synonyms: MAP/microtubule affinity-regulating kinase 3, C-TAK1, cTAK1, Cdc25C-associated protein kinase 1, ELKL motif kinase 2, EMK-2, Protein kinase STK10, Ser/Thr protein kinase PAR-1, Par-1a, Serine/threonine-protein kinase p78, microtubule affinity regulating kinase 3 Background: Serine/threonine-protein kinase. Involved in the specific phosphorylation of microtubule-associated proteins for MAP2 and MAP4. Phosphorylates the microtubule-associated protein MAPT/TAU. Phosphorylates CDC25C on 'Ser-216'. Regulates localization and activity of some histone deacetylases by mediating phosphorylation of HDAC7, promoting subsequent interaction between HDAC7 and 14-3-3 and export from the nucleus. Negatively regulates the Hippo signaling pathway and antagonizes the phosphorylation of LATS1. Cooperates with DLG5 to inhibit the kinase activity of STK3/MST2 toward LATS1.
Gene ID:	4140
UniProt:	P27448
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB 1:300-5000 FCM 1:20-100 IHC-P 1:200-400 IF(IHC-P) 1:50-200 IF(ICC) 1:50-200 IP(1-2 µg)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
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

Handling

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months