

Nur für Forschungszwecke

PKMYT1 Polyklonaler Antikörper

Katalog-Nr.:29489-1-AP



Allgemeine Informationen

Katalog-Nr.: 29489-1-AP	GenBank-Zugangsnummer: NM_004203	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 400 µg/ml von Nanodrop;	GeneID (NCBI): 9088	Empfohlene Verdünnungen: WB 1:500-1:3000
Wirt: Kaninchen	Vollständiger Name: protein kinase, membrane associated tyrosine/threonine 1	
Isotyp: IgG	Berechnete Masse: 55 kDa	
Immunogen Katalognummer: AG30573	Beobachtete Masse: 60-75 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : MCF-7-Zellen, A549-Zellen, MKN-45-Zellen, NCI-H1299-Zellen, T-47D-Zellen
Getestete Reaktivität: Human	

Hintergrundinformationen

PKMYT1, also known as MYT1, belongs to the WEE1 family. PKMYT1 functions to negatively regulate the Cdc2-cyclin B complexes by phosphorylating Cdc2 on threonine 14 and tyrosine 15. PKMYT1 has also been implicated in an increasing number of cancer types, including gastric cancer, non-small-cell lung cancer, hepatocellular carcinoma, glioblastoma, neuroblastoma, and colorectal cancer, in which overexpression of PKMYT1 generally correlates with poor prognosis and disease progression. PKMYT1 also has another key role in the cell cycle - regulating Golgi membrane reassembly following mitosis - and depletion of PKMYT1 leads to cell death. PKMYT1 was strongly phosphorylated during mitosis. This antibody can recognize interphase and mitotic phase PKMYT1. (PMID: 9268380, 32127662)

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

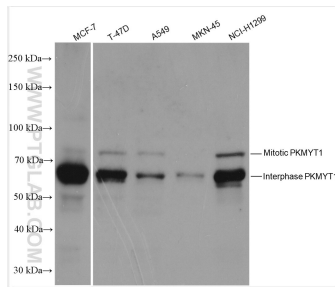
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 29489-1-AP (PKMYT1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.