

PKMYT1 Antibody

Catalog No: #37829



Package Size: #37829-1 50ul #37829-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

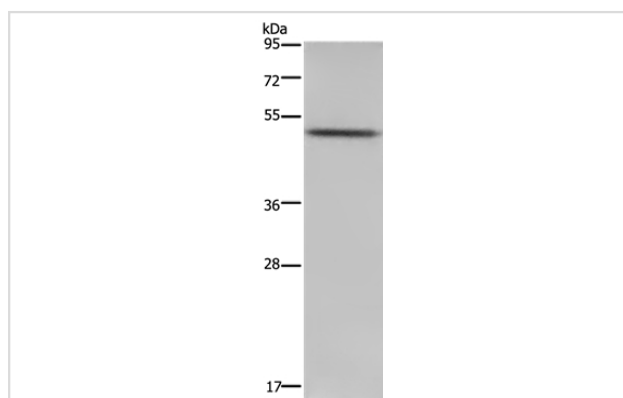
Product Name	PKMYT1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous levels of total PKMYT1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human protein kinase, membrane associated tyrosine/threonine 1
Conjugates	Unconjugated
Target Name	PKMYT1
Other Names	MYT1
Accession No.	Swiss-Prot#: Q99640NCBI Gene ID: 9088Gene Accssion: NP_004194 /Q99640
SDS-PAGE MW	55kd
Concentration	3mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE

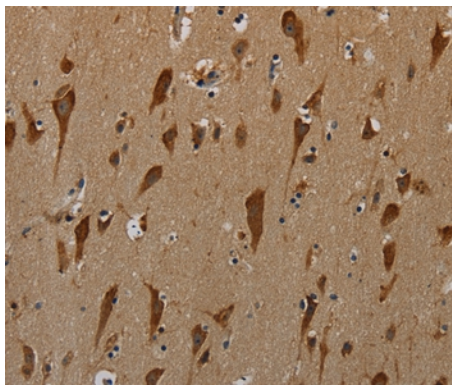
Lysates (from left to right): Mouse heart tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/200 dilution

Secondary antibody dilution: 1/8000

Exposure time: 2 minutes



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #37829 at dilution 1/50.

Background

This gene encodes a member of the serine/threonine protein kinase family. The encoded protein is a membrane-associated kinase that negatively regulates the G2/M transition of the cell cycle by phosphorylating and inactivating cyclin-dependent kinase 1. The activity of the encoded protein is regulated by polo-like kinase 1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Published Papers

el at., PKMYT1 is associated with prostate cancer malignancy and may serve as a therapeutic target. In Gene on 2020 Mar 29 by Wang J, Wang L, et al.. PMID:32234541, , (2020)

[PMID:32234541](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.