

PKMYT1 antibody

Product Information

Catalog No.:	FNab06497
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Acts as a negative regulator of entry into mitosis(G2 to M transition) by phosphorylation of the CDK1 kinase specifically when CDK1 is complexed to cyclins. Mediates phosphorylation of CDK1 predominantly on 'Thr-14'. Also involved in Golgi fragmentation. May be involved in phosphorylation of CDK1 on 'Tyr-15' to a lesser degree, however tyrosine kinase activity is unclear and may be indirect. May be a downstream target of Notch signaling pathway during eye development.

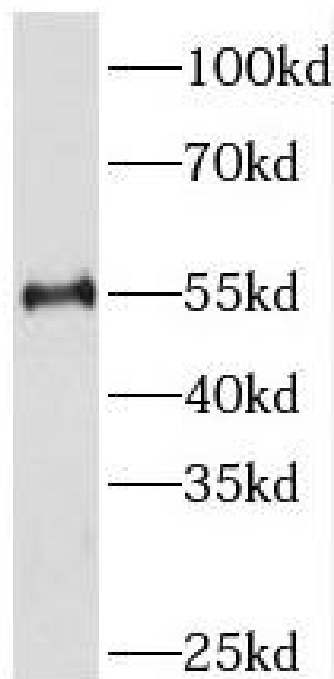
Immunogen information

Immunogen:	protein kinase, membrane associated tyrosine/threonine 1
Synonyms:	Membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase Myt1 kinase PKMYT1 MYT1
Observed MW:	55 kDa
Uniprot ID :	Q99640

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB
Recommended dilution:WB:	1:500-1:2000

Image:



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab06497(PKMYT1 antibody) at dilution of 1:500