

PKM1-specific Rabbit Polyclonal Antibody

Catalog No: #54596

Package Size: #54596-1 50ul #54596-2 100ul

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

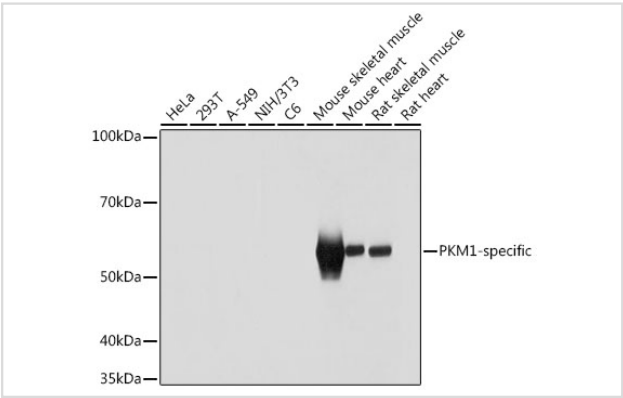
Description

Product Name	PKM1-specific Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human PKM1-specific.
Conjugates	Unconjugated
Other Names	PK3; TCB; p58; OIP3; PKM2; CTHBP; THBP1;
Accession No.	Swiss Prot:P14618Gene ID:5315
Calculated MW	56kDa/57kDa/58kDa
SDS-PAGE MW	58kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

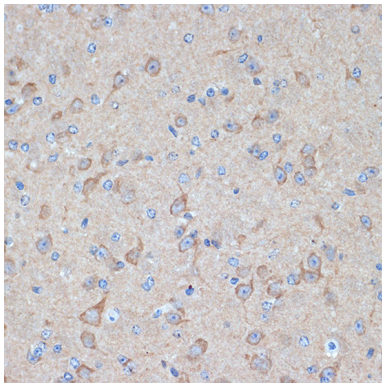
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

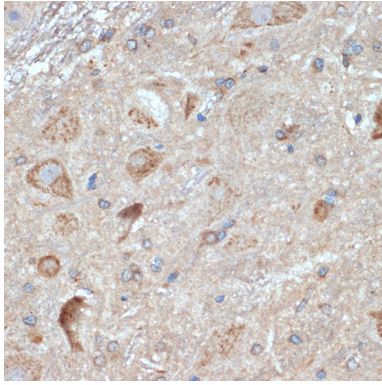
Images



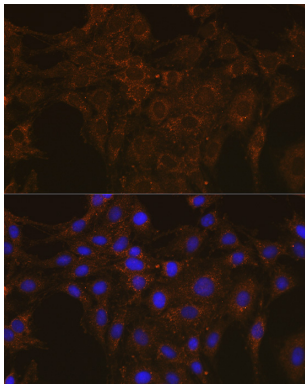
Western blot analysis of extracts of various cell lines, using PKM1-specific antibody (A18799) at 1:1000 dilution.



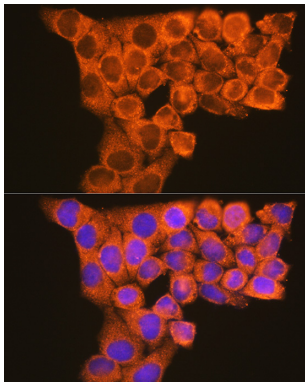
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.



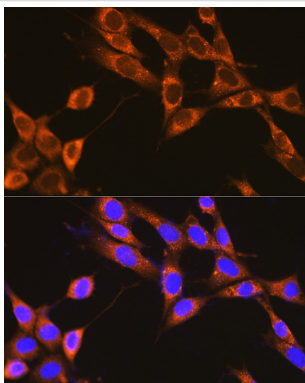
Lysates\proteins: 25ug per lane.



Blocking buffer: 3% nonfat dry milk in TBST.



Detection: ECL Basic Kit (RM00020).



Exposure time: 1s.

Background

This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. This protein has been shown to interact with thyroid hormone and may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis. Several alternatively spliced transcript variants encoding a few distinct isoforms have been reported.

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