PKM Polyclonal Antibody

catalog number: **E-AB-70274**

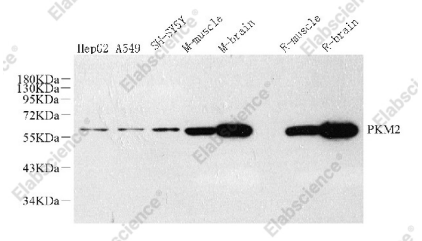
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein corresponding to Mouse PKM2
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western Blot analysis of various samples using PKM Polyclonal Antibody at dilution of 1:1000.

Observed-MW:58 kDa

Calculated-MW:58 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

PKM2,also named as OIP3,PK2,PK3,PKM,p58,THBP1,CTHBP and Tumor M2-PK,belongs to the pyruvate kinase family. It is glycolytic enzyme that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate (PEP) to ADP,generating ATP. It stimulates POU5F1-mediated transcriptional activation. PKM2 plays a general role in caspase independent cell death of tumor cells. The activity of the M2 isoform (but not the M1 isoform) can be inhibited by tyrosine kinase signalling in tumourcells.The primary pyruvate kinase isoform before tumour development is PK-M1; however,the primary isoform from four independent tumours is PK-M2. PKM2,Pyruvate kinase isozymes M1/M2,has 2 isoforms .The immunogen of this antibody is M2 isoform,also called PKM2.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com