003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

# PKM Polyclonal Antibody

**Cat #:** G-AB-00211

**Host:** Rabbit **Reactivity:** Human

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
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.

**Gene ID:**

**Accession #:**

**Immunogen:** Recombinant Human Pyruvate kinase PKM protein

**Conjugation:** Unconjugated

**Swissprot:** P14618

**Calculated Molecular Weight:** 56,58 kDa

**Observed Molecular Weight:** 58 kDa

**Concentration:** 2 mg/mL

**Buffer:** PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.

**Purification Method:** Affinity Purification

**Application:** WB

**Dilution:** WB 1:500-1:1000

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.