

## Anti-PKA gamma Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

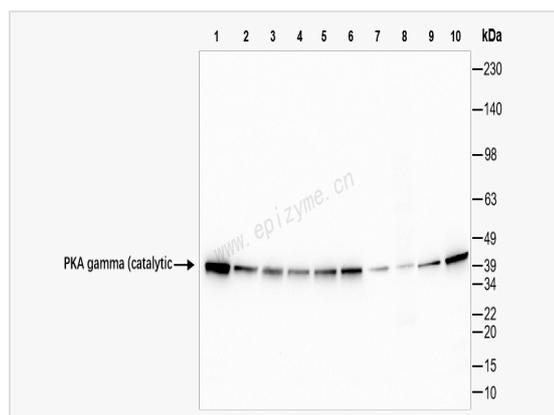
Catalog # R010375

### Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:8,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	22K47L81
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human PKA gamma (catalytic subunit)
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PKA gamma Rabbit mAb [22K47L81] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	cAMP-dependent protein kinase catalytic subunit gamma; PKA C-gamma; PRKACG.
Calculated MW	Calculated MW: 40 kDa; Observed MW: 40 kDa
Uniprot ID	P22612
Gene ID	5568
Background	Cyclic AMP-dependent protein kinase (PKA) consists of two catalytic subunits and a regulatory subunit dimer. This gene encodes the gamma form of its catalytic subunit. The gene is intronless and is thought to be a retrotransposon derived from the gene for the alpha form of the PKA catalytic subunit. [provided by RefSeq, Jul 2008]
Tissue Location	Testis specific. But important tissues such as brain and ovary have not been analyzed for the content of transcript.



Western Blot - Anti-PKA gamma Rabbit mAb [22K47L81]

All lanes: R010375 at 1:8,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: 293T (Human embryonic kidney cell) whole cell lysates

Lane 5: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lane 6: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates

Lane 7: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 8: Mouse heart whole tissue lysates

Lane 9: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lane 10: Rat brain whole tissue lysates

Lysates/proteins at 10  $\mu$ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 40 kDa

Observed band size: 40 kDa

Developed using the ECL technique (Cat. No. SQ201).