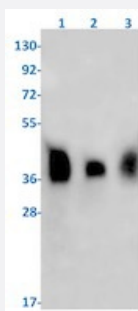


RecomAb™

PRKACG recombinant monoclonal antibody, clone R01-8I1

Catalog # RAB01984 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: MCF-7, Lane 2: C6 and Lane 3: Hela lysates with PRKACG recombinant monoclonal antibody, clone R01-8I1 (Cat # RAB01984).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PRKACG.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human PRKACG.
Theoretical MW (kDa)	Calculated MW: 40 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at -20 °C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: MCF-7, Lane 2: C6 and Lane 3: Hela lysates with PRKACG recombinant monoclonal antibody, clone R01-8I1 (Cat # RAB01984).

- Immunoprecipitation

Gene Info — PRKACG

Entrez GeneID[5568](#)**Protein Accession#**[P22612](#)**Gene Name**

PRKACG

Gene Alias

KAPG, PKACg

Gene Description

protein kinase, cAMP-dependent, catalytic, gamma

Omim ID[176893](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

OTTHUMP00000021422|PKA C-gamma|serine(threonine) protein kinase

Pathway

- [Apoptosis](#)

- [Calcium signaling pathway](#)

- [Chemokine signaling pathway](#)
- [Gap junction](#)
- [GnRH signaling pathway](#)
- [Hedgehog signaling pathway](#)
- [Insulin signaling pathway](#)
- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Melanogenesis](#)
- [Olfactory transduction](#)
- [Prion diseases](#)
- [Taste transduction](#)
- [Vascular smooth muscle contraction](#)
- [Vibrio cholerae infection](#)
- [Wnt signaling pathway](#)