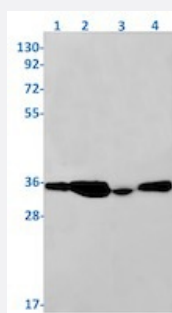


RecomAb™

PPP2CA recombinant monoclonal antibody, clone R06-8A4

Catalog # RAB01986 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: K562 and Lane 2: rat brain, Lane 3: C6 and Lane 4: 3T3 lysates with PPP2CA recombinant monoclonal antibody, clone R06-8A4 (Cat # RAB01986).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PPP2CA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human PPP2CA.
Theoretical MW (kDa)	Calculated MW: 36 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: K562 and Lane 2: rat brain, Lane 3: C6 and Lane 4: 3T3 lysates with PPP2CA recombinant monoclonal antibody, clone R06-8A4 (Cat # RAB01986).

- Immunoprecipitation

Gene Info — PPP2CA

Entrez GeneID[5515](#)**Protein Accession#**[P67775](#)**Gene Name**

PPP2CA

Gene Alias

PP2Ac, PP2CA, RP-C

Gene Description

protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform

Omim ID[176915](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. This gene encodes an alpha isoform of the catalytic subunit. [provided by RefSeq]

Other Designations

PP2A-alpha|protein phosphatase 2, catalytic subunit, alpha isoform|replication protein C|serine/threonine protein phosphatase 2A, catalytic subunit, alpha isoform|serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform

Pathway

- [Long-term depression](#)

- [TGF-beta signaling pathway](#)
- [Tight junction](#)
- [Wnt signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)