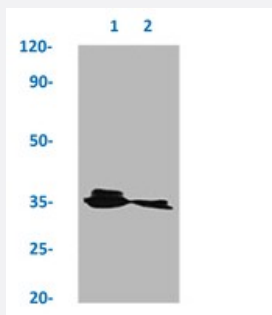


RecomAb™

PPP2CA (phospho Y307) recombinant monoclonal antibody, clone 3F11

Catalog # RAB04233 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: A549 whole cell lysate (treated with EGF 100 ng/mL/20 mins) and Lane 2: A549 whole cell lysate (not treated) with PPP2CA (phospho Y307) recombinant monoclonal antibody, clone 3F11 (Cat # RAB04233).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PPP2CA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding Y307 of human PPP2CA.
Theoretical MW (kDa)	Calculated MW: 35 kD
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °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: A549 whole cell lysate (treated with EGF 100 ng/mL/20 mins) and Lane 2: A549 whole cell lysate (not treated) with PPP2CA (phospho Y307) recombinant monoclonal antibody, clone 3F11 (Cat # RAB04233).

- Enzyme-linked Immunoabsorbent Assay

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](#)