

[KO Validated] 14-3-3 gamma Rabbit pAb

Catalog No.: A18060 **KO** Validated

Basic Information

Catalog No.

A18060

Observed MW

28kDa

Calculated MW

28kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB 1:500 - 1:2000

Background

This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 100% identical to the rat ortholog. It is induced by growth factors in human vascular smooth muscle cells, and is also highly expressed in skeletal and heart muscles, suggesting an important role for this protein in muscle tissue. It has been shown to interact with RAF1 and protein kinase C, proteins involved in various signal transduction pathways.

Immunogen Information

Gene ID

7532

Swiss Prot

P61981

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human 14-3-3 gamma (P61981).

Synonyms

YWHAG;14-3-3GAMMA;PPP1R170

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

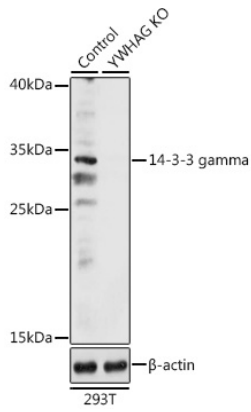
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts from normal (control) and 14-3-3 gamma knockout (KO) 293T cells, using 14-3-3 gamma antibody (A18060) at 1:500 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.