

Datasheet

PPP1R14A (phospho T38) monoclonal antibody, clone AK-1F11

Catalog Number: MAB0013

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against synthetic phosphopeptide of PPP1R14A.

Clone Name: AK-1F11

Immunogen: Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding T38 of human PPP1R14A.

Host: Mouse

Reactivity: Human, Mouse, Rat

Applications: ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Isotype: IgG1

Recommend Usage: Western Blot (1-2 ug/mL)
ELISA (1 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In 10 mM HEPES/KOH, 150 mM NaCl, pH 7.5 (50% glycerol)

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

Entrez GeneID: 94274

Gene Symbol: PPP1R14A

Gene Alias: CPI-17, CPI17, PPP1INL

Gene Summary: PPP1R14A is a phosphorylation-dependent inhibitor of smooth muscle myosin phosphatase (see MIM 603768). Inhibition leads to increased myosin phosphorylation and enhances smooth muscle contraction in the absence of increased intracellular Ca(2+) concentration.[supplied by OMIM]