10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-TAO2 (Ser181) Antibody

Our Anti-TAO2 (Ser181) rabbit polyclonal phosphospecific primary antibody from PhosphoSolutions is p
Catalog # AN1573

Product Information

Application	WB
Primary Accession	Q9UL54
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	138251

Additional Information

Gene ID	9344
Other Names	1110033K02Rik antibody, B230344N16 antibody, hKFC C antibody, hKFC-C antibody, KIAA0881 antibody, Kinase from chicken homolog C antibody, MAP3K17 antibody, mKIAA0881 antibody, Prostate derived STE20 like kinase 1 antibody, Prostate derived STE20 like kinase PSK antibody, Prostate derived sterile 20 like kinase 1 antibody, Prostate-derived STE20-like kinase 1 antibody, PSK 1 antibody, PSK antibody, PSK-1 antibody, PSK1 antibody, PSK1 beta antibody, Serine/threonine protein kinase TAO2 antibody, Serine/threonine-protein kinase TAO2 antibody, TAO 1 antibody, TAO 2 antibody, TAO kinase 2 antibody, TAO1 antibody, TAO2 antibody, TAOK2 antibody, TAOK 2 antibody, Taok2 antibody, TAOK2_HUMAN antibody, Thousand and one amino acid protein 2 antibody, Thousand and one amino acid protein kinase antibody, UNQ2971/PRO7431 antibody
Target/Specificity	In vitro, TAO (thousand and one amino acid) protein kinase 2 (TAO2) activates MAP/ERK kinases (MEKs) 3, 4, and 6 toward their substrates p38 MAP kinase JNK/SAPK (Chen et al., 1999; Chen and Cobb, 2001). This and more recent work has led to the proposal that the TAO protein kinases play an essential role in signaling from physiological agonists to the stress-responsive p38 MAPKs (Chen et al., 2003). Autophosphorylation of TAO may play a role in the mechanism of TAO activation. The MEK binding domain of TAO is autophosphorylated on both serine and threonine residues and Ser-181 is located within this domain.
Dilution	WB~~1:1000
Format	Antigen Affinity Purified from Pooled Serum
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-TAO2 (Ser181) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping	Blue Ice

Background

In vitro, TAO (thousand and one amino acid) protein kinase 2 (TAO2) activates MAP/ERK kinases (MEKs) 3, 4, and 6 toward their substrates p38 MAP kinase JNK/SAPK (Chen et al., 1999; Chen and Cobb, 2001). This and more recent work has led to the proposal that the TAO protein kinases play an essential role in signaling from physiological agonists to the stress-responsive p38 MAPKs (Chen et al., 2003). Autophosphorylation of TAO may play a role in the mechanism of TAO activation. The MEK binding domain of TAO is autophosphorylated on both serine and threonine residues and Ser-181 is located within this domain.