
TAO2 (Ser181) Antibody

Subcategory: Rabbit Polyclonal Antibody, Phosphospecific Antibody

Cat. No.: 252586

Unit: 0.1 ml

Description:

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. 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.

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 Ser181 is located within this domain.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: B, H, M, X, Zf, R, D

Format: Each vial contains 0.1 ml IgG in HEPES pH7.5, 150 mM NaCl, 0.01% BSA and 50% glycerol. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Serine/threonine-protein kinase TAO2; Kinase from chicken homolog C; hKFC-C; Prostate-derived STE20-like kinase 1; PSK-1; Thousand and one amino acid protein 2; TAOK2; KIAA0881; MAP3K17; PSK; PSK1

Accession No.: Q9UL54

Antigen: KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Ser181 of rat TAO2.

Application Notes: E: 1:1,000; WB: 1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.