TAOK2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	TAOK2, Monoclonal Antibody
Full Product Name	TAOK2 (TAO Kinase 2, KIAA0881, MAP3K17, PSK, PSK1, TAO1, TAO2) (AP)
Product Gene Name	anti-TAOK2 antibody
Product Synonym Names	TAO Kinase 2; KIAA0881; MAP3K17; PSK; PSK1; TAO1; TAO2
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3A12
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified
Specificity	Recognizes TAOK2.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap
Immunogen	TAOK2 (AAH51798, 831aa-930aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	ELQCRQYKRKMLLARHSLDQDLLREDLNKKQTQKDLECALLLRQHEATRELELRQLQAVQRTRAELTRLQHQTELGNQLEYNKRREQELRQKHAAQVR
Conjugate	AP
Product Categories/Family for anti-TAOK2 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-TAOK2 antibody	Western Blot (WB)
Application Notes for anti-TAOK2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TAOK2 antibody	MBS6162958 is an antibody targeting TAOK2. Also known as TAOK2 (TAO Kinase 2, KIAA0881, MAP3K17, PSK, PSK1, TAO1, TAO2) (AP). Host: Mouse. Mouse monoclonal antibody raised against a partial recombinant TAOK2.
Other Notes	Small volumes of anti-TAOK2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TAOK2. It may not necessarily be applicable to this product.

NCBI GI #	30353923
NCBI GeneID	9344
NCBI Accession #	AAH51798
UniProt Related Accession #	Q9UL54
NCBI Official Full Name	TAOK2 protein, partial
NCBI Official Synonym Full Names	TAO kinase 2
NCBI Official Symbol	TAOK2
NCBI Official Synonym Symbols	PSK; PSK1; TAO1; TAO2; MAP3K17; PSK1-BETA
Protein Family	Serine/threonine-protein kinase
NCBI Protein Information	serine/threonine-protein kinase TAO2
NCBI Summary for TAOK2	This gene encodes a serine/threonine protein kinase that is involved in many different processes, including, cell signaling, microtubule organization and stability, and apoptosis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2011]
Research Articles on TAOK2	**1.** we characterize a compound that inhibits TAOK1 and TAOK2 activity with IC50 values of 11 to 15 nmol/L, is ATP-competitive, and targets these kinases selectively. TAOK inhibition or depletion in centrosome-amplified SKBR3 or BT549 breast cancer cell models increases the mitotic population, the percentages of mitotic cells displaying amplified centrosomes and multipolar spindles, induces cell death, and inhibits cell growt
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