

Immunotag™ TAOK2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1886
Product Description	Immunotag™ TAOK2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TAOK2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TAOK2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	TAOK2 KIAA0881 MAP3K17 PSK PSK1 UNQ2971/PRO7431
Accession No.	Q9UL54 Q6ZQ29 Q9JLS3
Description	TAO kinase 2(TAOK2) Homo sapiens 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],
Cell Pathway/Category	MAPK_ERK_Growth,MAPK_G_Protein,

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Protein Expression	Brain, Clones donated by Kazusa DNA Research Inst., Duodenum, Lung, Mammary carcinoma, Testis,
Subcellular Localization	nucleus, nucleolus, cytoplasm, cytoskeleton, integral component of membrane, cytoplasmic, membrane-bounded vesicle, dendrite, cytoplasmic vesicle membrane, cytoplasmic vesicle, receptor complex,
Protein Function	catalytic activity: ATP + a protein = ADP + a phosphoprotein., cofactor: Magnesium., function: Activates the JNK MAP kinase pathway through the specific activation of the upstream MKK3 and MKK6 kinases., similarity: Belongs to the protein kinase superfamily., similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily., similarity: Contains 1 protein kinase domain., subcellular location: Found to be perinuclear and localized to vesicular compartment., subunit: Interacts with MKK3 and MKK6 (By similarity). Self-associates., tissue specificity: Ubiquitously expressed, with a higher level of expression in testis and brain.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.