

Goat anti-TAK1 / MAP3K7 Antibody

Item Number	dAP-0859
Target Molecule	Principle Name: TAK1 / MAP3K7; Official Symbol: MAP3K7 ; All Names and Symbols: MAP3K7 ; TAK1; mitogen-activated protein kinase kinase kinase 7 ; TGF1a ; TGF-beta activated kinase 1; transforming growth factor-beta-activated kinase 1; Accession Number (s): NP_003179.1; NP_663304.1; Human Gene ID(s): 6885; Non-Human GeneID(s): 26409 (mouse)
Immunogen	AELDQDEKDQQNT, is from internal region This antibody is expected to recognise isoform A (NP_003179.1) and isoform B (NP_663304.1).
Applications	Pep ELISA, WB Trf Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: In transfected HEK293 transiently expressing full-length Human MAP3K7 (myc and DYKDDDDK tagged), a band of approx. 75kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag
IHC	
Reference	Reference(s): Omori E, Matsumoto K, Sanjo H, Sato S, Akira S, Smart RC, Ninomiya-Tsuji J. TAK1 is a master regulator of epidermal homeostasis involving skin inflammation and apoptosis. J Biol Chem. 2006 May 4; [Epub ahead of print] .PMID: 16675448 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**