

Goat anti-TBK1 (aa514-527) Antibody

Item Number	dAP-2933
Target Molecule	Principle Name: TBK1 (aa514-527); Official Symbol: TBK1; All Names and Symbols: TBK1; TANK-binding kinase 1; FLJ11330; NAK; T2K; NF-kB-activating kinase; NF-kappa-B-activating kinase; serine/threonine-protein kinase TBK1; Accession Number (s): NP_037386.1; Human Gene ID(s): 29110; Non-Human Gene-ID(s):
Immunogen	TIETSLQDIDSRLS, is from internal region
Applications	Pep ELISA, WB 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 128000.
Western Blot	Western Blot: Approx 85kDa band observed in lysates of cell line HeLa (calculated MW of 83.6kDa according to NP_037386.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 24kDa. This band was
IHC	
Reference	Reference(s): Parvatiyar K, Barber GN, Harhaj EW. TAX1BP1 and A20 inhibit antiviral signaling by targeting TBK1-IKK ι kinases. J Biol Chem. 2010 May 14;285(20):14999-5009.. PMID: 20304918->

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 end users! This product is sold for **Research Use Only**