

Goat anti-HTATSF1 Antibody

Item Number	dAP-1162
Target Molecule	Principle Name: HTATSF1; Official Symbol: HTATSF1; All Names and Symbols: HTATSF1; HIV-1 Tat specific factor 1 ; RP1-196E23.2; TAT-SF1; dJ196E23.2; HIV TAT specific factor 1; cofactor required for Tat activation of HIV-1 transcription; Accession Number (s): NP_055315.2; Human Gene ID(s): 27336; Non-Human GenID(s): 317612 (rat)
Immunogen	QELYGDGKDGTQTD, is from internal region (near the N Terminus)
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 16000.
Western Blot	Western Blot: Approx 140kDa band observed in lysates of cell line Daudi (calculated MW of 85.9kDa according to NP_055315.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Zhou and Sharp, Science).
IHC	
Reference	Reference(s): Zhou M, Deng L, Lacoste V, Park HU, Pumfery A, Kashanchi F, Brady JN, Kumar A. Coordination of transcription factor phosphorylation and histone methylation by the P-TEFb kinase during human immunodeficiency virus type 1 transcription. <i>J Virol.</i> 2004 Dec;78(24):13522-33..PMID: 15564463 ->

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**