

## Goat anti-TAP1 Antibody

Item Number	dAP-2365
Target Molecule	Principle Name: TAP1; Official Symbol: TAP1; All Names and Symbols: TAP1; transporter 1, ATP-binding cassette, sub-family B (MDR/TAP); ABC17; ABCB2; APT1; D6S114E; FLJ26666; FLJ41500; PSF1; RING4; TAP1*0102N; TAP1N; ABC transporter, MHC 1; ATP-binding cassette transporter; ATP-binding cassette, sub-family B (MDR/TAP), mem; Accession Number (s): NP_000584.2; Human Gene ID(s): 6890; Non-Human GeneID(s):
Immunogen	QKFREKLQEIKT, 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 32000.
Western Blot	Western Blot: Approx 85kDa band observed in lysates of cell line MCF7 (calculated MW of 87.2kDa according to NP_000584.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Procko E, Raghuraman G, Wiley DC, Raghavan M, Gaudet R Identification of domain boundaries within the N-termini of TAP1 and TAP2 and their importance in tapasin binding and tapasin-mediated increase in peptide loading of MHC class I Immunol Cell Biol. 2005 Oct;83(5):475-82.PMID: 16174096->

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**