



## Goat anti-PTCD2 (aa214-226) Antibody

<b>Item Number</b>	dAP-2776
<b>Target Molecule</b>	Principle Name: PTCD2 (aa214-226); Official Symbol: PTCD2; All Names and Symbols: PTCD2; pentatricopeptide repeat domain 2; FLJ12598; OTTHUMP00000126945; OTTHUMP00000190857; OTTHUMP00000223573; pentatricopeptide repeat-containing protein 2; Accession Number (s): NP_079030.3; Human Gene ID(s): 79810; Non-Human GeneID(s):
<b>Immunogen</b>	NSPESFKICTTLR, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 50kDa band observed in all Human tissues and cell line lysates tested (calculated MW of 44.0kDa according to NP_079030.3). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial
<b>IHC</b>	
<b>Reference</b>	Reference(s): Hendrickson SL, Lautenberger JA, Chinn LW, Malasky M, Sezgin E, Kingsley LA, Goedert JJ, Kirk GD, Gomperts ED, Buchbinder SP, Troyer JL, O'Brien SJ. Genetic variants in nuclear-encoded mitochondrial genes influence AIDS progression. PLoS One. 2010 Sep 21;5(9):e12862..PMID: 20877624->

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**