

## Goat anti-TBC1D9 Antibody

<b>Item Number</b>	dAP-3001
<b>Target Molecule</b>	Principle Name: TBC1D9; Official Symbol: TBC1D9; All Names and Symbols: TBC1D9; TBC1 domain family, member 9 (with GRAM domain); MDR1; TBC1 domain family member 9; TBC1 domain family member 9A; Accession Number (s): NP_055945.2; Human Gene ID(s): 23158; Non-Human GenelD(s): 71310 (mouse) 304645 (rat)
<b>Immunogen</b>	EDKLHCEDIGEDT, is from internal region (near C terminus)
<b>Applications</b>	Pep ELISA, WB Species Tested: Human, Pig
<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: Experiments gave bands at approx 90kDa and 55kDa in lysates of cell line HeLa and in Pig Brain lysates. The sum of the observed sizes equals 145kDa. This protein has a calculated MW of 143kDa according to Human NP_055945.2 and Pig XP_005666
<b>IHC</b>	
<b>Reference</b>	Reference(s): Ishibashi K, Kanno E, Itoh T, Fukuda M. Identification and characterization of a novel Tre-2/Bub2/Cdc16 (TBC) protein that possesses Rab3A-GAP activity. <i>Genes Cells</i> . 2009 Jan;14(1):41-52.. PMID: 19077034->

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**