

## Goat anti-Carabin / TBC1D10C Antibody

**Item Number** dAP-1074

**Target Molecule** Principle Name: Carabin / TBC1D10C; Official Symbol: TBC1D10C; All Names and Symbols: TBC1D10C; carabin; TBC1 domain family, member 10C; FLJ00332; MGC46488; Accession Number (s): NP\_940919.1; Human Gene ID(s): 374403; Non-Human GeneID(s): 108995 (mouse)

**Immunogen** PRRKPQTRGKTFH, is from internal region

**Applications** Pep ELISA

Species Tested:

**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: Preliminary experiments in Human Tonsil, Thymus and Peripheral Mononucleocytes lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any

**IHC**

**Reference** Reference(s): Pan F, Sun L, Kardian DB, Whartenby KA, Pardoll DM, Liu JO. Feedback inhibition of calcineurin and Ras by a dual inhibitory protein Carabin. *Nature*. 2007 Jan 25;445(7126):433-6. Epub 2007 Jan 17. PMID: 17230191 ->

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**