

Goat anti-TOMM40 Antibody

Item Number	dAP-2025
Target Molecule	Principle Name: TOMM40; Official Symbol: TOMM40; All Names and Symbols: TOMM40; translocase of outer mitochondrial membrane 40 homolog (yeast); C19orf1; D19S1177E; PER-EC1; PEREC1; TOM40; mitochondrial outer membrane protein; translocase of outer mitochondrial membrane 40; Accession Number (s): NP_006105.1; Human Gene ID(s): 10452; Non-Human GeneID(s): 53333 (mouse) 308416 (rat)
Immunogen	HTVALSTIGESNYH, is from internal region Reported variants represent identical protein: NP_001122389.1, NP_001122388.1, NP_006105.1.
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 37kDa band observed in Human Brain (Cerebellum and Frontal Cortex) lysates (calculated MW of 37.9kDa according to NP_006105.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Walker LC, Waddell N, Ten Haaf A, Grimmond S, Spurdle AB. Use of expression data and the CGEMS genome-wide breast cancer association study to identify genes that may modify risk in BRCA1/2 mutation carriers. Breast cancer research and treatment 2008 Nov 112 (2): 229-36..PMID:

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**