

## Goat anti-ITM2B Antibody

Item Number	dAP-1725
Target Molecule	Principle Name: ITM2B; Official Symbol: ITM2B; All Names and Symbols: ITM2B; integral membrane protein 2B; ABRI; BRI; BRI2; BRICD2B; E25B; E3-16; FBD; BRICHOS domain containing 2B; OT-THUMP0000018394; Accession Number (s): NP_068839.1; Human Gene ID(s): 9445; Non-Human Gene-ID(s): 16432 (mouse) 290364 (rat)
Immunogen	HDKETYKLQRRETIK, is from internal region
Applications	Pep ELISA, WB, IHC 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 8000.
Western Blot	Western Blot: Approx. 33kDa band observed in Human Brain (Cerebellum and Hippocampus) lysates (calculated MW of 30.3kDa according to NP_068839.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Majewski T, Lee S, Jeong J, Yoon DS, Kram A, Kim MS, Tuziak T, Bondaruk J, Lee S, Park WS, Tang KS, Chung W, Shen L, Ahmed SS, Johnston DA, Grossman HB, Dinney CP, Zhou JH, Harris RA, Snyder C, Filipek S, Narod SA, Watson P, Lynch HT, Gazdar A, Bar-Eli M, Understanding the development of ITM2B in human breast cancer, <i>Journal of Cellular Biochemistry</i> , 2010, 111(10), 2530-2538.

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**