

## Goat anti-BPOZ / ABTB1 Antibody

<b>Item Number</b>	dAP-0343
<b>Target Molecule</b>	Principle Name: BPOZ / ABTB1; Official Symbol: ABTB1; All Names and Symbols: ABTB1; BPOZ; EF1ABP; MGC20585; ankyrin repeat and BTB (POZ) domain containing 1; elongation factor 1A binding protein; Btb3; PP2259; Accession Number (s): NP_115937.1; NP_742024.1; NP_742025.1; Human Gene ID(s): 80325; Non-Human GeneID(s): 80283 (mouse)
<b>Immunogen</b>	RALEDLLVSIQLDC, is from C Terminus This antibody is expected to recognise all reported isoforms (NP_115937.1; NP_742024.1; NP_742025.1).
<b>Applications</b>	Pep ELISA, WB, IHC  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 32000.
<b>Western Blot</b>	Western Blot: Approx 38kDa band observed in Human Heart lysates (calculated MW of 37.6kDa according to NP_115937.1). Recommended for use at 1-3µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Heart shows staining of myocardial fibres in transverse section. Recommended concentration, 3-5µg/ml.
<b>Reference</b>	Reference(s): Unoki M, Nakamura Y. Growth-suppressive effects of BPOZ and EGR2, two genes involved in the PTEN signaling pathway. Oncogene 2001 Jul 27;20(33):4457-65.PMID: 11494141->

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**