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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05200 - Goat Anti-BPOZ / ABTB1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PP2259, Btb3, elongation factor 1A binding protein, ankyrin repeat and BTB (POZ) domain containing 1, MGC20585, EF1ABP, BPOZ, ABTB1

Official Symbol: ABTB1

Accession Number(s): NP_115937.1; NP_742024.1; NP_742025.1

Human GeneID(s): [80325](#)

Non-Human GeneID(s): 80283 (mouse)

Important Comments: This antibody is expected to recognise all reported isoforms (NP_115937.1; NP_742024.1; NP_742025.1).

Immunogen

Peptide with sequence RALEDLLVSIQLDC, from the C Terminus of the protein sequence according to NP_115937.1; NP_742024.1; NP_742025.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

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.

IHC: In paraffin embedded Human Heart shows staining of myocardial fibres in transverse section. Recommended concentration, 3-5µg/ml.

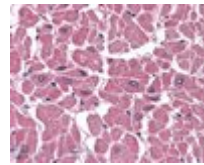
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog



EB05200 staining (1 μ g/ml) of Human Heart lysate (RIPA buffer, 35 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



EB05200 (3.8 μ g/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.