

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05200 - Goat Anti-BPOZ / ABTB1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** ABTB1

**Accession Number(s):** NP\_115937.1; NP\_742024.1

**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.

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, and approx. 50kDa in preliminary testing of MCF7 cell lysate (calculated MW of 37.6kDa according to NP\_115937.1 and 54kDa according to ; NP\_742024.1). An additional band was also consistently observed at 65-70kDa. and was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

**IHC:** Paraffin embedded Human Heart and Brain (Cerebellum). Recommended concentration: 3.75µg/ml.

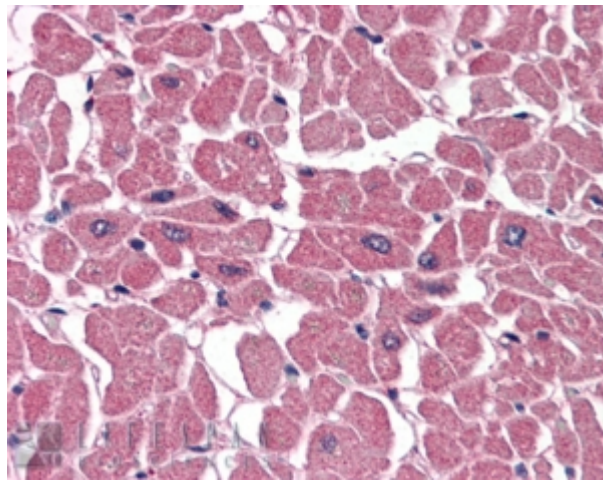
### Species Reactivity

**Tested:** Human

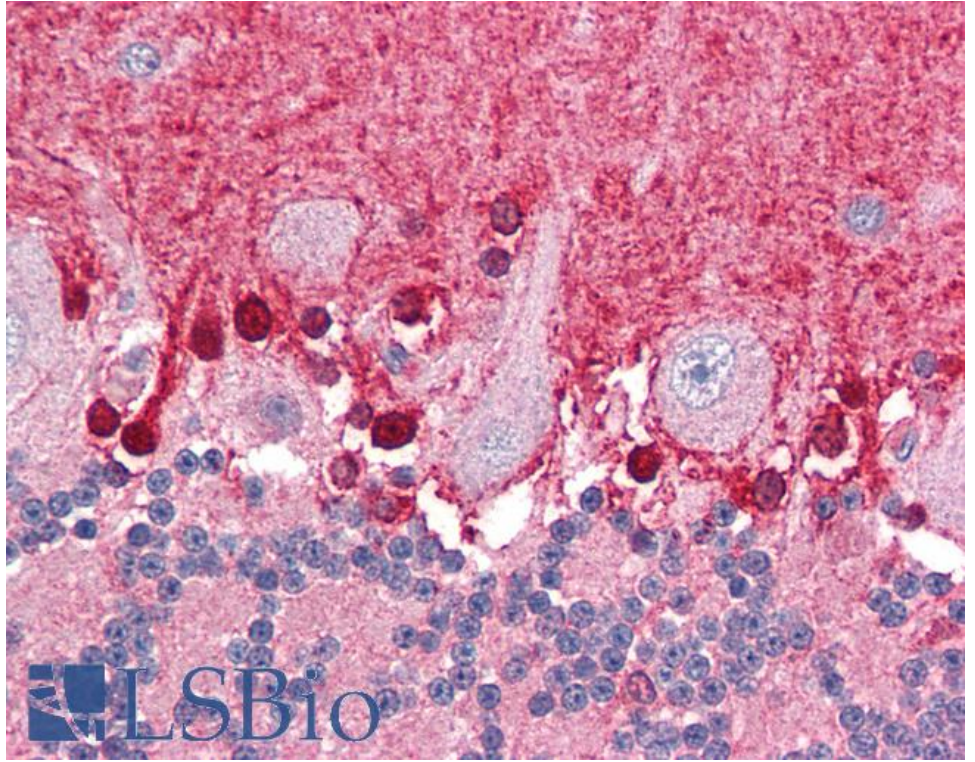
**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB05200 staining (1 $\mu$ g/ml) of Human Heart lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Detected by chemiluminescence.



EB05200 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05200 (3.75µg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.