

## UK Office

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

## EB08136 - Goat Anti-EPB41L4B / EHM2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** EPB41L4B, erythrocyte membrane protein band 4.1 like 4B, CG1, DKFZp761N1814, EHM2, FLJ21596, EHM2, FERM-containing protein

**Official Symbol:** EPB41L4B

**Accession Number(s):** NP\_060894.2; NP\_061987.3

**Human GeneID(s):** [54566](#)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_060894.2; NP\_061987.3).

### Immunogen

Peptide with sequence C-HNYQPQYHPNIHPSQ, from the internal region of the protein sequence according to NP\_060894.2; NP\_061987.3.

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 1:64000.

**Western blot:** Preliminary experiments gave an approx 48kDa band in Human Brain (Hippocampus, Cerebellar Cortex, Cerebellum) and Human Bone Marrow lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 58.6kDa according to NP\_060894.2. The 48kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Adrenal Gland. Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB08136 (3.75µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.