

## UK Office

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

## EB05397 - Goat Anti-BCAP31 / BAP31 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BCAP31, BAP31, DXS1357E, accessory protein BAP31, CDM, 6C6-AG, B-cell receptor-associated protein 31, CDM, 6C6 antigen, BCR-associated protein Bap31, OTTHUMP00000025978, p28 Bap31

**Official Symbol:** BCAP31

**Accession Number(s):** NP\_001132929.1; NP\_005736.3

**Human GeneID(s):** [10134](#)

**Important Comments:** This antibody is expected to recognise isoform a (NP\_001132929.1) and isoform b (NP\_005736.3; NP\_001132913.1).

### Immunogen

Peptide with sequence C-QAAVDGPMDKKEE, from the C Terminus of the protein sequence according to NP\_001132929.1; NP\_005736.3.

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 1:32000.

**Western blot:** Approx 30kDa band observed in Human Placenta and Brain lysate (predicted MW of 28kDa according to NP\_005736). Recommended for use at 1-3µg/ml.

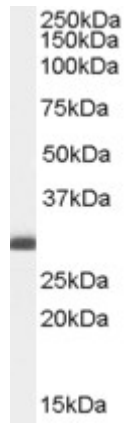
**IHC:** Paraffin embedded Human Kidney and Brain (Cerebellum and Cortex).

Recommended concentration: 3.75µg/ml.

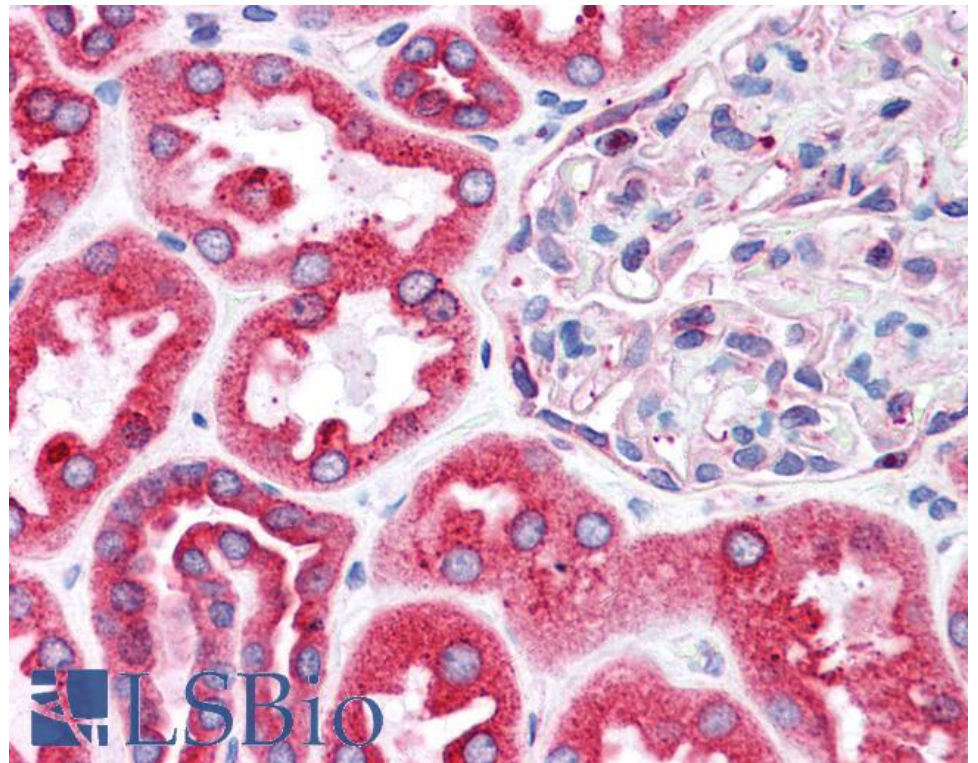
### Species Reactivity

**Tested:** Human

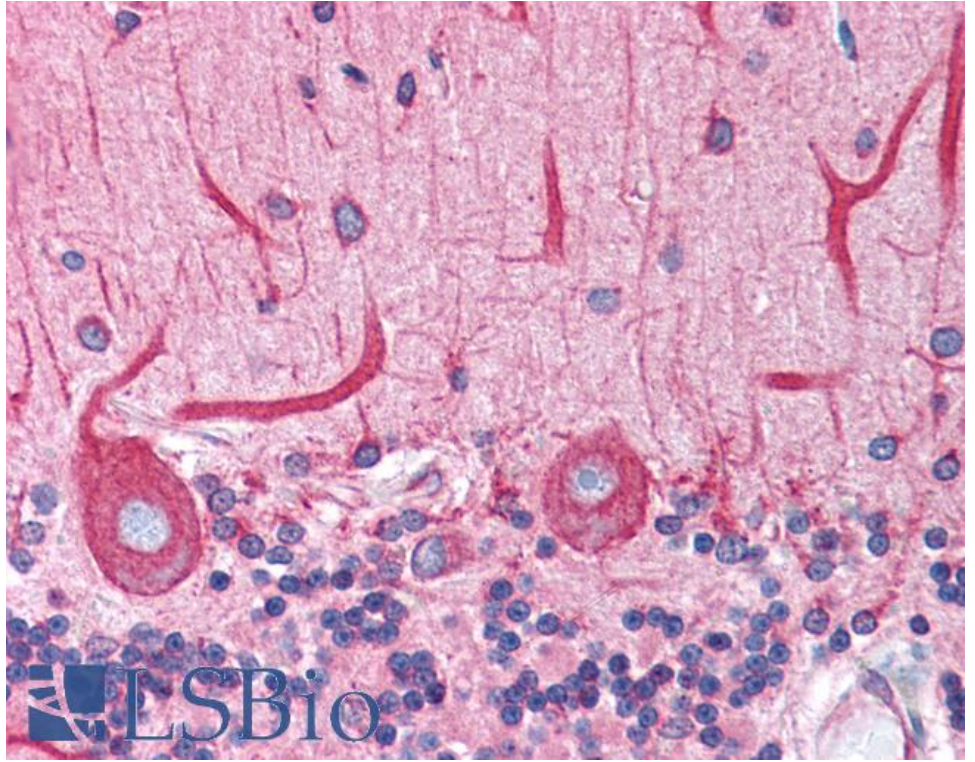
**Expected from sequence similarity:** Human, Dog, Pig, Cow



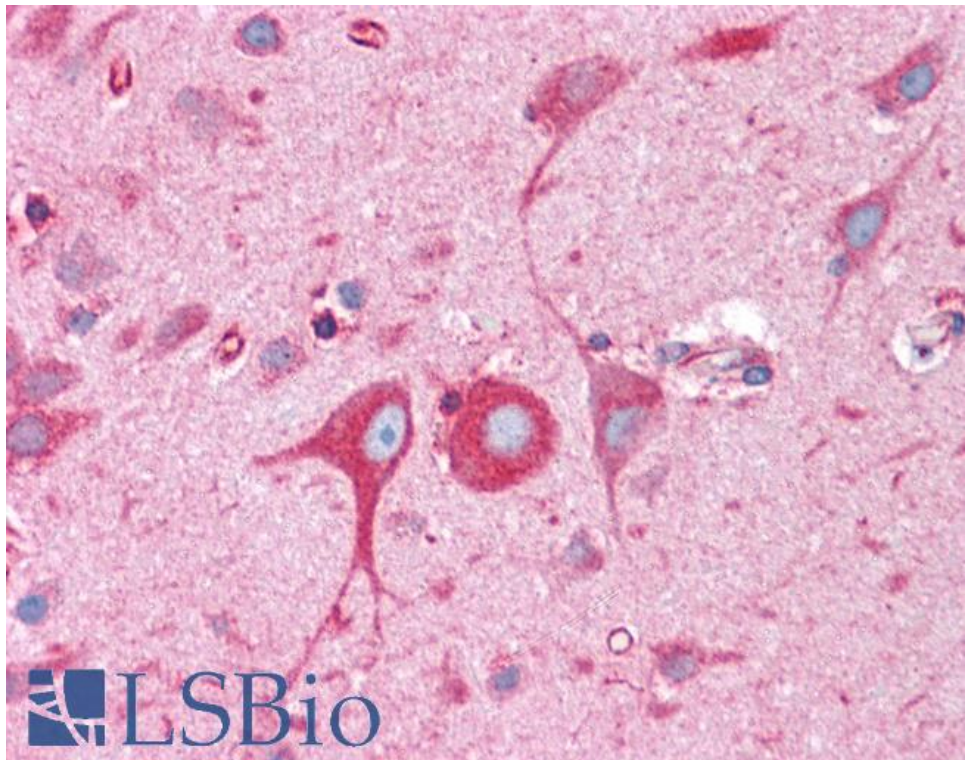
EB05397 (0.1 $\mu$ g/ml) staining of Human Breast lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05397 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05397 (3.75µg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05397 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.