



## UK Office

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

## EB10571 - Goat Anti-NPAS4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NPAS4, neuronal PAS domain protein 4, Le-PAS, NXF, PASD10, bHLHe79, HLH-PAS transcription factor NXF, PAS domain-containing protein 10, class E basic helix-loop-helix protein 79, neuronal PAS4

**Official Symbol:** NPAS4

**Accession Number(s):** NP\_849195.2

**Human GeneID(s):** [266743](#)

**Non-Human GeneID(s):** 225872 (mouse), 266734 (rat)

### Immunogen

Peptide with sequence CRFNTSKSLRRQS, from the internal region of the protein sequence according to NP\_849195.2.

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 1:4000.

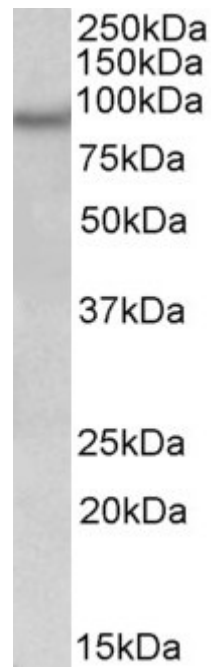
**Western blot:** Approx 90kDa band observed in Human Brain (Frontal Cortex) lysates and in Mouse and Rat Brain lysates (calculated MW of 87.1kDa according to NP\_849195.2).

Recommended concentration: 0.3-1µg/ml.

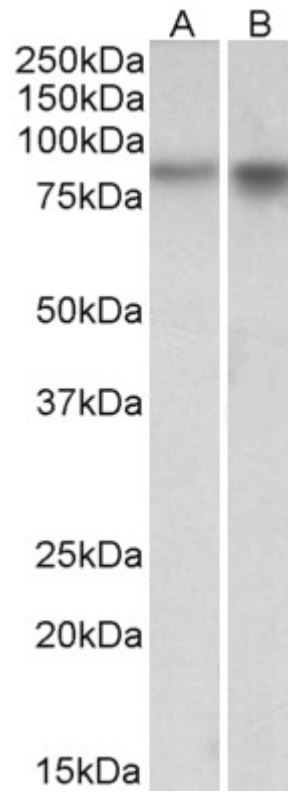
### Species Reactivity

**Tested:** Human, Mouse, Rat

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



EB10571 (0.3 $\mu$ g/ml) staining of Human Frontal Cortex lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10571 (1 $\mu$ g/ml) staining of Mouse (A) and Rat (B) Brain lysates (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.