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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.

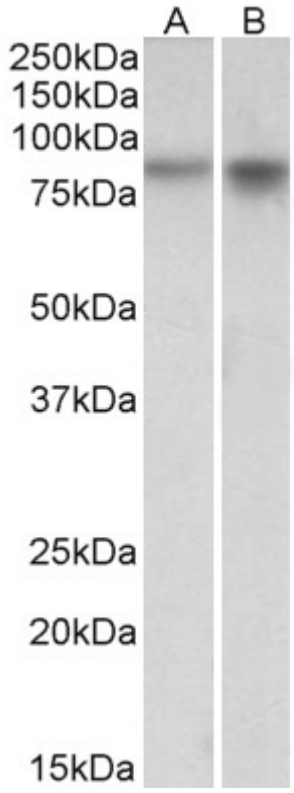
Applications Tested

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



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