



## UK Office

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

## EB08133 - Goat Anti-MP100 / NPEPPS Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NPEPPS, MP100, aminopeptidase puromycin sensitive, PSA, metalloproteinase MP100, puromycin-sensitive aminopeptidase

**Official Symbol:** NPEPPS

**Accession Number(s):** NP\_006301.2

**Human GeneID(s):** [9520](#)

### Immunogen

Peptide with sequence C-KRDAESIHQYLLQRK, from the internal region of the protein sequence according to NP\_006301.2.

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 110kDa band observed in Human Brain (Cerebral Cortex) lysates (calculated MW of 98.5kDa according to NP\_006301.2). Recommended concentration: 0.2-0.5µg/ml.

### Species Reactivity

**Tested:** Human

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

EB08133 (0.3µg/ml) staining of Human Brain (Cerebral Cortex) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.