

## UK Office

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

## EB11464 - Goat Anti-Praja-1 / RNF70 (aa285-298) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** E3 ubiquitin-protein ligase Praja-1, OTTHUMP00000023457, OTTHUMP00000023458, OTTHUMP00000158771, praja 1, praja ring finger 1, PRAJA1, RING finger protein 70, RNF70, PJA1

**Official Symbol:** PJA1

**Accession Number(s):** NP\_660095.1; NP\_001027568.1; NP\_071763.2

**Human GeneID(s):** [64219](#)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_660095.1; NP\_001027568.1; NP\_071763.2).

### Immunogen

Peptide with sequence C-HSTSRWRDTANDNE, from the internal region of the protein sequence according to NP\_660095.1; NP\_001027568.1; NP\_071763.2.

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:** Preliminary experiments gave an approx 30kDa band in Human Brain and Mouse Brain lysates after 1µg/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 50.4kDa according to NP\_071763.2. The 30kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

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