

#### **International Office**

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# EB08233 - Goat Anti-PPP2R3A Antibody

Size: 100µg specific antibody in 200µl



#### **Target Protein**

**Principal Names:** PPP2R3A, protein phosphatase 2 (formerly 2A), regulatory subunit B\1\1, alpha, PPP2R3, PR130, PR72, PP2A, subunit B, B\1\1-PR72/PR130, PP2A, subunit B, B72/B130 isoforms, PP2A, subunit B, R3 isoform, Serine/threonine protein

phosphatase 2A, 72/130 kDa regul **Official Symbol:** PPP2R3A

Accession Number(s): NP\_002709.2; NP\_871626.1

Human GeneID(s): 5523

Important Comments: This antibody is expected to recognise both reported isoforms

(NP\_002709.2; NP\_871626.1).

### **Immunogen**

Peptide with sequence C-QKDVENDGPEPSD, from the internal region of the protein sequence according to NP\_002709.2; NP\_871626.1.

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 1:16000.

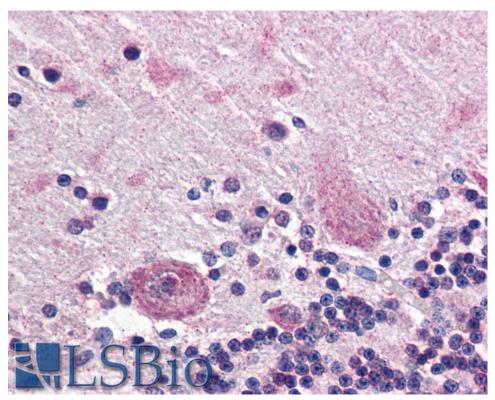
**Western blot:** Preliminary experiments gave an approx 80kDa band in Human Skeletal Muscle lysates after 1μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 130kDa according to NP\_002709.2 and of 61.1kDa according to NP\_871626.1. The 80kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 5µg/ml.

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB08233 ( $5\mu g/ml$ ) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.