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diagnostic or therapeutic use.**

EB08243 - Goat Anti-PGBD2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PGBD2, piggyBac transposable element derived 2, hypothetical protein LOC267002

Official Symbol: PGBD2

Accession Number(s): NP_001017434.1; NP_733843.1

Human GeneID(s): [267002](#)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_001017434.1; NP_733843.1)

Immunogen

Peptide with sequence C-ESNADTTTSQGRRSRR, from the internal region of the protein sequence according to NP_001017434.1; NP_733843.1 .

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 30kDa band in Human Brain (Cerebral Cortex) lysates after 0.3µg/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 39.6kDa according to NP_001017434.1 and of 68.0kDa according to NP_733843.1. The 30kDa band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

Tested:

Expected from sequence similarity: Human