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

EB10702 - Goat Anti-PAX1 (aa318-329) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PAX1, paired box 1, HUP48, paired box gene 1, paired domain gene HuP48

Official Symbol: PAX1

Accession Number(s): NP_006183.2

Human GeneID(s): [5075](#)

Non-Human GeneID(s): 18503 (mouse), 311505 (rat)

Immunogen

Peptide with sequence C-PKMEDWAGVNRT, from the internal region of the protein sequence according to NP_006183.2.

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 1:32000.

Western blot: Approx 50kDa band observed in Human Cerebellum lysates (calculated MW of 55.5kDa according to NP_006183.2). This band was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Dog, Pig, Cow

EB10702 (0.3µg/ml) staining of Human Cerebellum lysate (A) + peptide (B). (35µg protein in RIPA buffer
Detected by chemiluminescence.