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Research Use Only. Not for diagnostic or therapeutic use.

EB11338 - Goat Anti-PAX3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CDHS, HUP2, MGC120381, MGC120382, MGC120383, MGC120384, MGC134778, paired box 3, paired box homeotic gene 3, paired domain gene 3, paired

domain gene HuP2, WS1, PAX3

Official Symbol: PAX3

Accession Number(s): NP_852122.1; NP_000429.2; NP_039230.1; NP_852123.1;

NP_852124.1; NP_852126.1; NP_852125.1; NP_001120838.1

Human GeneID(s): 5077

Non-Human GeneID(s): 18505 (mouse), 114502 (rat)

Important Comments: This antibody is expected to recognize isoforms PAX3 (NP_852122.1), PAX3d (NP_852123.1), PAX3e (NP_852124.1), PAX3g (NP_852126.1), PAX3h (NP_852125.1), and PAX3i (NP_001120838.1).

Immunogen

Peptide with sequence C-STVHQSTIPSNPD, from the internal region of the protein sequence according to NP_852122.1; NP_000429.2; NP_039230.1; NP_852123.1; NP_852124.1; NP_852126.1; NP_852125.1; NP_001120838.1.

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 1:64000.

Western blot: Approx 55kDa band observed in Human Brain (Frontal Cortex) and Mouse and Rat Brain lysates (calculated MW of 53.0kDa according to Human NP_852122.1 and 52.9kDa according to Mouse NP_032807.3). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

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



EB11338 (2μg/ml) staining of Mouse Brain lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.