

## **UK Office**

# **Everest Biotech Ltd**

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# 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 GenelD(s): 5077
Non-Human GenelD(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.

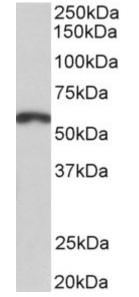
# **Applications Tested**

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.