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EB09704 - Goat Anti-DTX1 / Deltex-1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DTX1, deltex homolog 1 (Drosophila), hDx-1, deltex homolog 1

Official Symbol: DTX1

Accession Number(s): NP_004407.2

Human GenelD(s): 1840

Non-Human GenelD(s): 14357 (mouse), 687424 (rat)

Immunogen

Peptide with sequence CHHIENVLKEDAR, from the internal region (near N Terminus) of the protein sequence according to NP_004407.2.

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 1:8000.

Western blot: Preliminary experiments gave an approx 48kDa band in Mouse Fetal Brain lysates and in lysates of NIH3T3 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 67.4kDa according to Human NP_004407.2 and of 68.2kDa according to Mouse NP_032078.2. The 48kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

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