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

EB09706 - Goat Anti-DTX3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DTX3, deltex 3 homolog (Drosophila), FLJ34766, MGC138863, MGC138864, RNF154, deltex 3 homolog

Official Symbol: DTX3

Accession Number(s): NP_848597.1

Human GeneID(s): [196403](#)

Non-Human GeneID(s): 80904 (mouse), 500847 (rat)

Immunogen

Peptide with sequence C-KNKVTVSKPVWD, from the internal region (near N Terminus) of the protein sequence according to NP_848597.1.

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 1:8000.

Western blot: Approx 90kDa band observed in Mouse Fetal Brain lysates and in lysates of cell line NIH3T3 (calculated MW of 38.0kDa according to Human NP_848597.1 and 37.98kDa to Mouse NP_109639.1). The observed much higher molecular weight corresponds to earlier findings in literature with different antibodies (Takeyama et al, J Biol Chem. 2003 Jun13;278(24):21930-7.; PMID: 12670957). Recommended concentration: 0.2-0.5µg/ml.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Mouse, Human

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

EB09706 (0.3µg/ml) staining of NIH3T3 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.

EB09706 (10µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer
pH 6, AP-staining.