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EB07254 - Goat Anti-DYX1C1 / EKN1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DYX1C1, EKN1, dyslexia susceptibility 1 candidate 1, DYX1, DYXC1,

FLJ37882, MGC70618 Official Symbol: DNAAF4

Accession Number(s): NP_570722.2; NP_001028731.1; NP_001028732.1

Human GenelD(s): <u>161582</u>

Important Comments: This antibody is expected to recognise three reported isoforms

(NP_570722.2, NP_001028731.1 and NP_001028732.1).

Immunogen

Peptide with sequence PLQVSDYSWQQTKT-C, from the N Terminus of the protein sequence according to NP_570722.2; NP_001028731.1; NP_001028732.1.

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 1:32000.

Western blot: Approx 48+40kDa bands observed in Human Brain (Cerebral Cortex and Frontal Cortex) lysates (calculated MW of 48.5kDa according to NP_570722.2 and of 44.0kDa according to NP_001028731.1). Recommended concentration: 0.5-1.5µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

 $EB07254\ (0.5\mu g/ml)\ staining\ of\ Human\ Brain\ (Frontal\ Cortex)\ lysate\ (35\mu g\ protein\ in\ RIPA\ buffer).\ Primary\ incubation\ was\ 1\ hour.\ Detected\ by\ chemiluminescence.$