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

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 GeneID(s): [161582](#)

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

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