



## UK Office

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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

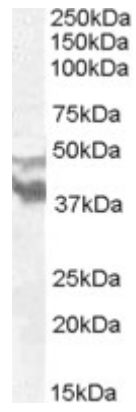
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**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.