Goat anti-DYX1C1 / EKN1 Antibody

Item Number	dAP-1401
Target Molecule	Principle Name: DYX1C1 / EKN1; Official Symbol: DYX1C1; All Names and Symbols: DYX1C1; EKN1; dyslexia susceptibility 1 candidate 1; DYX1; DYXC1; FLJ37882; MGC70618; Accession Number (s): NP_570722.2; NP_001028731.1; NP_001028732.1; Human Gene ID(s): 161582; Non-Human GeneID(s):
Immunogen	PLQVSDYSWQQTKT, is from N Terminus This antibody is expected to recognise three reported isoforms (NP_570722.2, NP_001028731.1 and NP_001028732.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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.
IHC	
Reference	Reference(s): Fisher SE, Francks C. Genes, cognition and dyslexia: learning to read the genome. Trends Cogn Sci. 2006 May 2; [Epub ahead of print] .PMID: 16675285 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only