

Goat anti-KIAA0319 Antibody

Item Number	dAP-2570
Target Molecule	Principle Name: KIAA0319; Official Symbol: KIAA0319; All Names and Symbols: KIAA0319; KIAA0319; HGNC:21580; DLX2; DYLX2; DYX2; OTTHUMP0000039403; MGC176717; Accession Number (s): NP_055624.2; Human Gene ID(s): 9856; Non-Human GeneID(s):
Immunogen	QLTEQRKDTLVRQ, is from internal region
Applications	Pep ELISA, IHC 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; Reconstitute 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 64000.
Western Blot	Western Blot: Preliminary experiments gave an approx 35kDa band in Human Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 118kDa
IHC	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration: 5µg/ml.
Reference	Reference(s): Cope N, Harold D, Hill G, Moskvina V, Stevenson J, Holmans P, Owen MJ, O'Donovan MC, Williams J. Strong evidence that KIAA0319 on chromosome 6p is a susceptibility gene for developmental dyslexia. Am J Hum Genet. 2005 Apr;76(4):581-91. Epub 2005 Feb 16. PMID: 15717286 ->

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 end users! This product is sold for **Research Use Only**