

KIAA0319 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2482a**Specification**

KIAA0319 Antibody (internal region) - Product Information

Application	E
Primary Accession	Q5VV43
Other Accession	NP_055624.2 , 9856
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	117763

KIAA0319 Antibody (internal region) - Additional Information**Gene ID** 9856**Other Names**

Dyslexia-associated protein KIAA0319, KIAA0319

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

KIAA0319 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

KIAA0319 Antibody (internal region) - Protein Information**Name** KIAA0319**Function**

Involved in neuronal migration during development of the cerebral neocortex. May function in a cell autonomous and a non-cell autonomous manner and play a role in appropriate adhesion between migrating neurons and radial glial fibers. May also regulate growth and differentiation of dendrites.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Early endosome membrane; Single-pass type I membrane protein. Note=Low-abundance isoforms lacking the transmembrane domain

have been described; these are secreted

Tissue Location

Detected in adult brain cortex and fetal frontal lobe (at protein level). Highly expressed in brain cortex, putamen, amygdala, hippocampus and cerebellum.

KIAA0319 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KIAA0319 Antibody (internal region) - Images**KIAA0319 Antibody (internal region) - References**

Strong evidence that KIAA0319 on chromosome 6p is a susceptibility gene for developmental dyslexia. Cope N, Harold D, Hill G, Moskvina V, Stevenson J, Holmans P, Owen MJ, O'Donovan MC, Williams J. Am J Hum Genet. 2005 Apr;76(4):581-91. Epub 2005 Feb 16. PMID: 15717286