

KIAA0319 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12577b**Specification**

KIAA0319 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q5VV43](#)**KIAA0319 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 9856**Other Names**

Dyslexia-associated protein KIAA0319, KIAA0319

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KIAA0319 Antibody (C-term) Blocking peptide - 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 (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

KIAA0319 Antibody (C-term) Blocking peptide - Images

KIAA0319 Antibody (C-term) Blocking peptide - Background

The longest isoform encoded by this gene is a transmembrane protein that is both N- and O-glycosylated. Defects in this gene may cause susceptibility to dyslexia type 2 (DYX2). Multiple transcript variants encoding several different isoforms have been found for this gene.

KIAA0319 Antibody (C-term) Blocking peptide - References

Lind, P.A., et al. Eur. J. Hum. Genet. 18(6):668-673(2010) Peschansky, V.J., et al. Cereb. Cortex 20(4):884-897(2010) Couto, J.M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (2), 447-462 (2010) :Couto, J.M., et al. Biol. Psychiatry 66(4):368-375(2009) Levecque, C., et al. Am. J. Physiol., Cell Physiol. 297 (1), C160-C168 (2009) :