

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Dyrk1A (Q39) Peptide

Cat No.: BS2054P

Background

Dyrk (for dual specificity tyrosine phosphorylation regulated kinase) is the homolog of the *Drosophila* *mnb* (minibrain) gene, which is required for neurogenesis. Dyrk is a dual-specificity tyrosine kinase and serine/threonine kinase, which is itself regulated by tyrosine phosphorylation. Several mammalian Dyrk related proteins have been identified and are thought to compose a family of dual specificity protein kinases. Dyrk family members, including Dyrk1A (originally Dyrk), Dyrk1B, Dyrk1C, Dyrk2, Dyrk3, Dyrk4A and Dyrk4B, are thought to be involved in diverse cellular functions. Dyrk1A is a candidate gene that may be involved in Down's syndrome, and it has been found to be somewhat overexpressed in Down's syndrome.

Swiss-Prot

Q13627

Applications

Blocking

Specificity

This peptide can be used with studies using BS2054 Dyrk1A (Q39) pAb.

Purification & Purity

Synthetic peptide Dyrk1A (Q39). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.