

Datasheet for ABIN7450193
anti-DYRK1A antibody (AA 713-763)



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Overview

Quantity:	100 µg
Target:	DYRK1A
Binding Specificity:	AA 713-763
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYRK1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-DYRK1A Antibody, Affinity Purified
Immunogen:	Between AA 713 and 763
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat,X. laevis,X. tropicalis
Purification:	Affinity Purified

Target Details

Target:	DYRK1A
Alternative Name:	DYRK1A (DYRK1A Products)
Background:	Background: Dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A (DYRK1A) a

Target Details

member of the Dual-specificity tyrosine phosphorylation-regulated kinase (DYRK) family. DYRK1A contains a nuclear targeting signal sequence, a protein kinase domain, a leucine zipper motif, and a highly conservative 13-consecutive-histidine repeat. It catalyzes its autophosphorylation on serine/threonine and tyrosine residues. DYRK1A may play a significant role in a signaling pathway regulating cell proliferation and may be involved in brain development. The DYRK1A gene is a homolog of Drosophila *mnb* (minibrain) gene and rat *Dyrk* gene. It is localized in the Down syndrome critical region of chromosome 21, and is considered to be a strong candidate gene for learning defects associated with Down syndrome [taken from NCBI Entrez Gene (Gene ID: 5201)].

Gene ID:	1859
NCBI Accession:	NP_001387
UniProt:	Q13627
Pathways:	Mitotic G1-G1/S Phases

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months