

Datasheet for ABIN391771
anti-DYRK3 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	DYRK3
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYRK3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This DYRK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DYRK3.
Clone:	RB3010
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DYRK3
Alternative Name:	DYRK3 (DYRK3 Products)
Background:	This gene product belongs to the DYRK family of dual-specificity protein kinases that catalyze

Target Details

autophosphorylation on serine/threonine and tyrosine residues. The members of this family share structural similarity, however, differ in their substrate specificity, suggesting their involvement in different cellular functions. The encoded protein has been shown to autophosphorylate on tyrosine residue and catalyze phosphorylation of histones H3 and H2B in vitro. Alternatively spliced transcript variants encoding different isoforms have been identified.

Molecular Weight: 65714

Gene ID: 8444

NCBI Accession: [NP_001004023](#), [NP_003573](#)

UniProt: [O43781](#)

Pathways: [Negative Regulation of Hormone Secretion](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

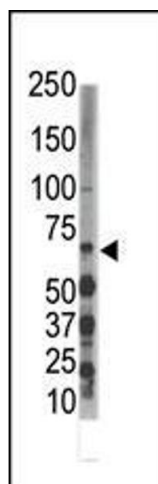
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: 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.

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of anti-DYRK3 Pab (ABIN391771 and ABIN2841633) in Jurkat cell lysate. DYRK3 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.