

Datasheet for ABIN391770  
**anti-DYRK2 antibody (N-Term)**

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## Overview

Quantity:	400 µL
Target:	DYRK2
Binding Specificity:	AA 105-135, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYRK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This DYRK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 105-135 amino acids from the N-terminal region of human DYRK2.
Clone:	RB3008
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	DYRK2
Alternative Name:	DYRK2 ( <a href="#">DYRK2 Products</a> )

## Target Details

Background:	DYRK2 belongs to a family of protein kinases whose members are presumed to be involved in cellular growth and/or development. The family is defined by structural similarity of their kinase domains and their capability to autophosphorylate on tyrosine residues. DYRK2 has demonstrated tyrosine autophosphorylation and catalyzed phosphorylation of histones H3 and H2B in vitro.
Molecular Weight:	66652
Gene ID:	8445
NCBI Accession:	<a href="#">NP_003574</a> , <a href="#">NP_006473</a>
UniProt:	<a href="#">Q92630</a>
Pathways:	<a href="#">Regulation of Carbohydrate Metabolic Process</a>

## Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

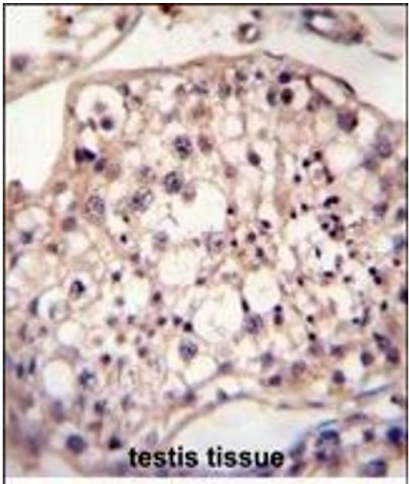
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	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

## Publications

Product cited in:	Humbert, Navaratnam, Augert, Da Costa, Martien, Wang, Martinez, Abbadie, Carling, de Launoit, Gil, Bernard: "Regulation of ploidy and senescence by the AMPK-related kinase NUA1." in: <b>The EMBO journal</b> , Vol. 29, Issue 2, pp. 376-86, (2010) ( <a href="#">PubMed</a> ).
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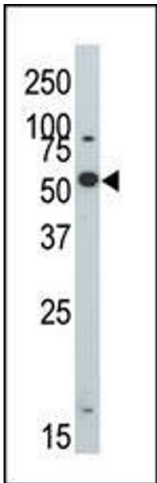
There are more publications referencing this product on: [Product page](#)

Images



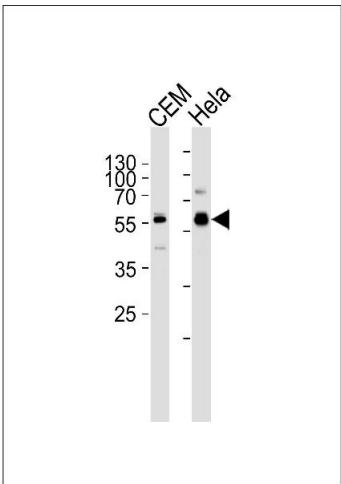
Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** DYRK2 Antibody (N-term) A immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DYRK2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

**Image 2.** The anti-DYRK2 Pab (ABIN391770 and ABIN2841632) is used in Western blot to detect DYRK2 in 293 cell lysate.



Western Blotting

**Image 3.** Western blot analysis of lysates from CEM, HeLa cell line (from left to right), using DYRK2 Antibody (P46) (ABIN391770 and ABIN2841632). (ABIN391770 and ABIN2841632) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.