

Datasheet for ABIN1679626  
**anti-DYRK1A antibody (AA 624-763)**



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2 Images

## Overview

Quantity:	100 µg
Target:	DYRK1A
Binding Specificity:	AA 624-763
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYRK1A antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 624-763 of human DYRK1A (NP_001387.2).
Sequence:	LGNRTRPRVY NSPTNSSSTQ DSMEVGHSHH SMTSLSSSTT SSSTSSSSTG NQGNQAYQNR PVAANTLDFG QNGAMDVNLV VYSNPRQETG IAGHPTYQFS ANTGPAHYMT EGHLTMRQGA DREESPMTGV CVQQSPVASS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	DYRK1A
Alternative Name:	DYRK1A ( <a href="#">DYRK1A Products</a> )
Background:	<p>This gene encodes a member of the Dual-specificity tyrosine phosphorylation-regulated kinase (DYRK) family. This member 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. It may play a significant role in a signaling pathway regulating cell proliferation and may be involved in brain development. This 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. Alternative splicing of this gene generates several transcript variants differing from each other either in the 5' UTR or in the 3' coding region. These variants encode at least five different isoforms.,DYRK1A,DYRK,DYRK1,HP86,MNB,MNBH,MRD7,Signal Transduction,Kinase,Neuroscience,DYRK1A</p>
Molecular Weight:	60 kDa/61 kDa/66 kDa/84 kDa/85 kDa
Gene ID:	1859
UniProt:	<a href="#">Q13627</a>
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a>

## Application Details

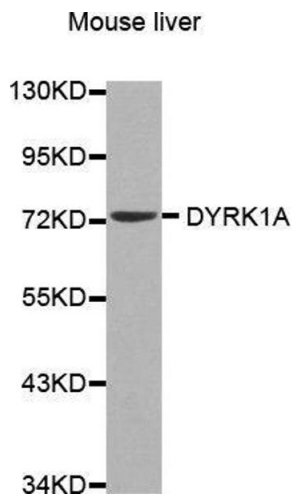
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Application Notes:	WB,1:500 - 1:1000
Restrictions:	For Research Use only

## Handling

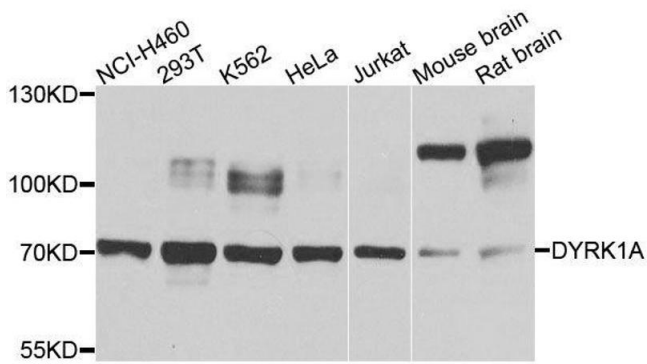
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Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

Image 1.



### Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using DYRK1A antibody.