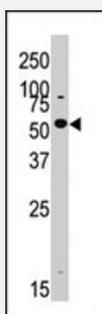


# DYRK2 polyclonal antibody

Catalog # PAB2929

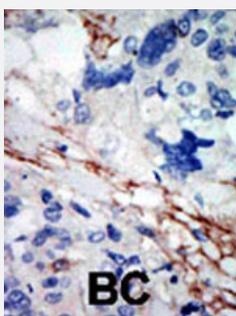
Size 400 uL

## Applications



### Western Blot (Cell lysate)

The DYRK2 polyclonal antibody (Cat # PAB2929) is used in Western blot to detect DYRK2 in 293 cell lysate.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with DYRK2 polyclonal antibody (Cat # PAB2929), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of DYRK2.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human DYRK2.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification

<b>Recommend Usage</b>	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

The DYRK2 polyclonal antibody (Cat # PAB2929) is used in Western blot to detect DYRK2 in 293 cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with DYRK2 polyclonal antibody (Cat # PAB2929), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

## Gene Info — DYRK2

<b>Entrez GeneID</b>	<a href="#">8445</a>
<b>Protein Accession#</b>	<a href="#">Q92630</a>
<b>Gene Name</b>	DYRK2
<b>Gene Alias</b>	FLJ21217, FLJ21365
<b>Gene Description</b>	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2
<b>Omim ID</b>	<a href="#">603496</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	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. Two isoforms of DYRK2 have been isolated. The predominant isoform, isoform 1, lacks a 5' terminal insert. [provided by RefSeq]
<b>Other Designations</b>	-

## Publication Reference

- [Sequence characteristics, subcellular localization, and substrate specificity of DYRK-related kinases, a novel family of dual specificity protein kinases.](#)

Becker W, Weber Y, Wetzel K, Eirimbter K, Tejedor FJ, Joost HG.

The Journal of Biological Chemistry 1998 Oct; 273(40):25893.