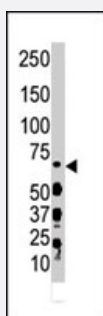


DYRK3 polyclonal antibody

Catalog # PAB2930

Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of DYRK3 polyclonal antibody (Cat # PAB2930) in Jurkat cell lysate. DYRK3 (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DYRK3.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human DYRK3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — DYRK3

Entrez GeneID	8444
Protein Accession#	O43781
Gene Name	DYRK3
Gene Alias	DYRK5, RED, REDK, hYAK3-2
Gene Description	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3
Omim ID	603497
Gene Ontology	Hyperlink
Gene Summary	This gene product belongs to the DYRK family of dual-specificity protein kinases that catalyze 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. [provided by RefSeq]
Other Designations	OTTHUMP00000034527 OTTHUMP00000034528 OTTHUMP00000034529 dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 5 protein kinase Dyrk3 regulatory erythroid kinase

Publication Reference

- [\[Molecular cloning and characterization of novel protein kinase gene DYRK3\].](#)
Xia J, Yang X, Ruan Q, Pan Q, Liu C, Xie W, Deng H.
Zhonghua Yi Xue Yi Chuan Xue Za Zhi 1998 Dec; 15(6):327.
- [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, Eirmbter K, Tejedor FJ, Joost HG.
The Journal of Biological Chemistry 1998 Oct; 273(40):25893.