

Product datasheet for **TA329165**

DYRK3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DYRK3 antibody: synthetic peptide directed towards the N terminal of human DYRK3. Synthetic peptide located within the following region: EPPPPRRLNMTTEQFTGDHTQHFLDGGEMKVEQLFQEFGNRKSNTIQSDG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	64 kDa
Gene Name:	dual specificity tyrosine phosphorylation regulated kinase 3
Database Link:	NP_001004023 Entrez Gene 8444 Human O43781
Background:	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.



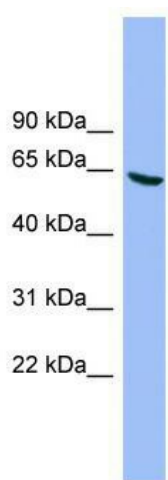
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Synonyms: DYRK5; hYAK3-2; RED; REDK

Note: Immunogen sequence homology: Human: 100%; Rat: 90%; Pig: 83%; Guinea pig: 83%; Yeast: 80%

Protein Families: Druggable Genome, Protein Kinase

Product images:



WB Suggested Anti-DYRK3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: HT1080 cell lysate. DYRK3 is supported by BioGPS gene expression data to be expressed in HT1080