

Product datasheet for **TA329166**

DYRK3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	IF, 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: GDHTQHFLDGGEMKVEQLFQEFGNRKSNTIQSDGISDSEKCSPTVSQGKS
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:	66 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.



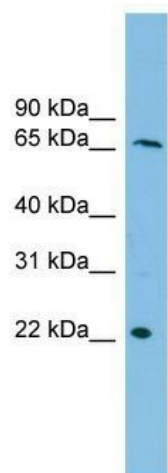
[View online »](#)

Synonyms: DYRK5; hYAK3-2; RED; REDK

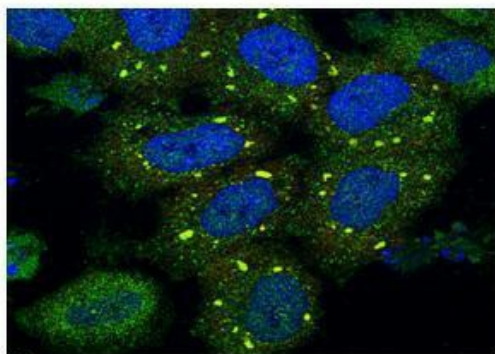
Note: Immunogen sequence homology: Human: 100%; Mouse: 86%

Protein Families: Druggable Genome, Protein Kinase

Product images:



DYRK3



Green: DYRK3
Red: PABP1
Blue: DAPI

WB Suggested Anti-DYRK3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: THP-1 cell lysate

Sample Type : HeLa cells Primary Antibody Dilution : 1:50 Secondary Antibody : Goat anti-rabbit-Alexa Fluor Secondary Antibody Dilution : 1:250 Color/Signal Descriptions : Green: DYRK3 Red: PABP1 Blue: DAPI Gene Name : DYRK3 Submitted by : Frank Wippich, Institute of Molecular Life Sciences, University of Zurich