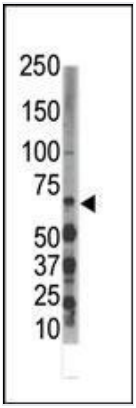
DYRK3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DYRK3, Polyclonal Antibody
Full Product Name	DYRK3, NT (Dual-specificity Tyrosine-phosphorylation Regulated Kinase 3, Regulatory Erythroid Kinase, REDK) (PE)
Product Gene Name	anti-DYRK3 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human DYRK3.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	63,977 Da
OMIM	603497
3D Structure	ModBase 3D Structure for O43781
Immunogen	Synthetic peptide selected from the N-terminal region of human DYRK3 (KLH).
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-DYRK3 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-DYRK3 antibody	Western Blot (WB), FLISA
Application Notes for anti-DYRK3 antibody	WB: 1:100-1:500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-DYRK3 antibody	MBS6473330 is an antibody targeting DYRK3. Also known as DYRK3, NT (Dual-specificity Tyrosine-phosphorylation Regulated Kinase 3, Regulatory Erythroid Kinase, REDK) (PE). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-DYRK3 antibody	1. Becker, W., et al., J. Biol. Chem. 273(40):25893-25902 (1998). 2. Xia, J., et al., Zhonghua Yi Xue Yi Chuan Xue Za Zhi 15(6):327-332 (1998).
Other Notes	Small volumes of anti-DYRK3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



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

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DYRK3. It may not necessarily be applicable to this product.

NCBI GI #	51702242
NCBI GeneID	8444
NCBI Accession #	NP_001004023.1
UniProt Primary Accession #	O43781
UniProt Secondary Accession #	Q7Z752; Q9HBY6; Q9HBY7; D3DT79
UniProt Related Accession #	O43781
GenBank Nucleotide #	NM_001004023.1
NCBI Official Full Name	dual specificity tyrosine-phosphorylation-regulated kinase 3 isoform b
NCBI Official Synonym Full Names	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3
NCBI Official Symbol	DYRK3
NCBI Official Synonym Symbols	RED; REDK; DYRK5; hYAK3-2
UniProt Protein Name	Dual specificity tyrosine-phosphorylation-regulated kinase 3
UniProt Synonym Protein Names	Regulatory erythroid kinase; REDK
Protein Family	Dual specificity tyrosine-phosphorylation-regulated kinase
UniProt Gene Name	DYRK3
UniProt Synonym Gene Names	REDK
UniProt Entry Name	DYRK3_HUMAN
NCBI Protein Information	dual specificity tyrosine-phosphorylation-regulated kinase 3; dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 5; protein kinase Dyrk3; regulatory erythroid kinase
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