

Rabbit anti-Human, Mouse DYRK3 Polyclonal Antibody | anti-DYRK3 antibody

DYRK3 antibody - N-terminal region

CATALOG # AAA197112	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, Immunofluorescence
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PRODUCT SYNONYMS

DYRK3; Polyclonal Antibody; DYRK3 antibody - N-terminal region; anti-DYRK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GD HTQHFLDGGE MKVEQLFQEF GNRKSNTIQS DGISDSEKCS PTVSQGKS
Sequence Length	588
Applicable Applications for anti-DYRK3 antibody	WB (Western Blot), IF (Immunofluorescence)
Homology	Human: 100%; Mouse: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DYRK3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-DYRK3 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: THP-1 cell lysate



IF (Immunofluorescence)

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

ADDITIONAL INFORMATION

Related Product Information for anti-DYRK3 antibody	This is a rabbit polyclonal antibody against DYRK3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-DYRK3 antibody	Polyclonal; Transcription Factor; Cell Biology; Chromatin & Nuclear Signaling; Signal Transduction; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	51702240
NCBI GeneID	8444
NCBI Accession #	NP_003573
NCBI GenBank Nucleotide #	NM_003582
UniProt Accession #	O43781
Molecular Weight	66kDa
NCBI Official Full Name	dual specificity tyrosine-phosphorylation-regulated kinase 3 isoform a
NCBI Official Synonym Full Names	dual specificity tyrosine phosphorylation regulated kinase 3
NCBI Official Symbol	DYRK3
NCBI Official Synonym Symbols	RED; REDK; DYRK5; hYAK3-2
NCBI Protein Information	dual specificity tyrosine-phosphorylation-regulated kinase 3
UniProt Protein Name	Dual specificity tyrosine-phosphorylation-regulated kinase 3
UniProt Gene Name	DYRK3
UniProt Synonym Gene Names	REDK
UniProt Entry Name	DYRK3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dyrk3-antibody-western-blot-immunofluorescence-elisa/197112>