

Rabbit DYRK1A Polyclonal Antibody | anti-DYRK1A antibody

Anti-DYRK1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105291	Rabbit	Human, Rat, Rabbit	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

DYRK1A; Polyclonal Antibody; Anti-DYRK1A Antibody; DYRK; MNB; MNBH; Dual specificity tyrosine-phosphorylation-regulated kinase 1A; Dual specificity YAK1-related kinase; HP86; Protein kinase minibrain homolog; hMNB; anti-DYRK1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of DYRK1A protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	763
Applicable Applications for anti-DYRK1A antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human DYRK1A. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of DYRK1A staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of DYRK1A staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of DYRK1A expression in HeLa (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-DYRK1A antibody	Rabbit polyclonal antibody to DYRK1A
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18765758
NCBI GeneID	1859
NCBI Accession #	NP_001387.2
NCBI GenBank Nucleotide #	NM_001396.3
UniProt Accession #	Q13627; O60769; Q92582; Q92810; Q9UNM5
Molecular Weight	66,099 Da
NCBI Official Full Name	dual specificity tyrosine-phosphorylation-regulated kinase 1A isoform 1
NCBI Official Synonym Full Names	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A
NCBI Official Symbol	DYRK1A
NCBI Official Synonym Symbols	MNB; DYRK; HP86; MNBH; MRD7; DYRK1
NCBI Protein Information	dual specificity tyrosine-phosphorylation-regulated kinase 1A; hMNB; MNB/DYRK protein kinase; serine/threonine kinase MNB; mnb protein kinase homolog hp86; protein kinase minibrain homolog; dual specificity YAK1-related kinase; serine/threonine-specific protein kinase
UniProt Protein Name	Dual specificity tyrosine-phosphorylation-regulated kinase 1A
UniProt Gene Name	DYRK1A
UniProt Synonym Gene Names	DYRK; MNB; MNBH; MNBH; hMNB
UniProt Entry Name	DYR1A_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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