

Rabbit DYRK1A Polyclonal Antibody | anti-DYRK1A antibody

DYRK1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39260	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

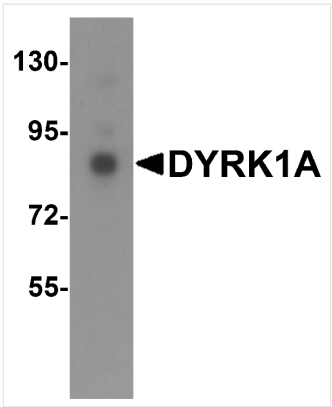
PRODUCT SYNONYMS

DYRK1A; Polyclonal Antibody; DYRK1A Antibody; MNB; DYRK; HP86; MNBH; MRD7; DYRK1; Dual specificity tyrosine-phosphorylation-regulated kinase 1A; Dual specificity YAK1-related kinase; dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A; anti-DYRK1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Multiple isoforms of DYRK1A are known to exist. DYRK1A antibody will not cross-react with other DYRK family members
Purity/Purification	DYRK1A Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	763
Applicable Applications for anti-DYRK1A antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	DYRK1A antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human DYRK1A.
Buffer	DYRK1A Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	DYRK1A antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



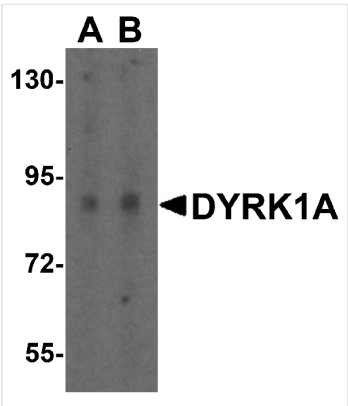
WB (Western Blot)

Western blot analysis of DYRK1A expression in K562 cell lysate with DYRK1A antibody at (A) 1 and (B) 2 μg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of DYRK1A in HeLa cells with DYRK1A antibody at 10 μg/mL.



WB (Western Blot)

Western blot analysis of DYRK1A in HeLa cell lysate with DYRK1A antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-DYRK1A antibody	DYRK1A Antibody: DYRK1A is a member of the dual-specificity tyrosine phosphorylation-regulated kinase (DYRK) family and is thought to be involved in neuronal differentiation, neurodegenerative diseases, and is considered to be a strong candidate gene for learning defects associated with Down syndrome. DYRK1A phosphorylates several transcription factors such as p53, leading to inhibition of embryonic neuronal cell proliferation. DYRK1A associates with multiple proteins, including SPRED1 and SPRED2; this association appears to inhibit the phosphorylation activity of DYRK1A. Recent evidence also suggests that DYRK1A may be involved in the replication of HIV-1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18765758
NCBI GeneID	1859
NCBI Accession #	NP_001387
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/dyrk1a-antibody-immunocytochemistry-western-blot-elisa/39260>