

Rabbit anti-Human, Mouse DYRK4 Polyclonal Antibody | anti-DYRK4 antibody

DYRK4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323526	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

DYRK4; Polyclonal Antibody; DYRK4 Antibody; Dual specificity tyrosine phosphorylation regulated kinase 4; Dual specificity tyrosine-phosphorylation-regulated kinase 4; Dyrk4; DYRK4_HUMAN; EC 2.7.12.1; anti-DYRK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	DYRK4 antibody detects endogenous levels of total DYRK4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	520
Applicable Applications for anti-DYRK4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Conjugation	Unconjugated

IMAGES



IHC (Immunohistochemistry)

AAA323526 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of DYRK4 expression in NCI-H292 cell line lysates ; developed using the ECL technique, The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA323526 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DYRK4 antibody	Description: Possible non-essential role in spermiogenesis. Post-translational Modifications: Autophosphorylation on Tyr-264 in the activation loop is required for kinase activity. Similarity: Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MNB/DYRK subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28827774
NCBI GeneID	8798
NCBI Accession #	NP_003836.1
NCBI GenBank Nucleotide #	NM_003845.2
UniProt Accession #	Q9NR20; Q8NEF2; Q92631; A8K8F7
Molecular Weight	Observed: 60 kDa Predicted: 60 kDa
NCBI Official Full Name	dual specificity tyrosine-phosphorylation-regulated kinase 4 isoform 1
NCBI Official Synonym Full Names	dual specificity tyrosine phosphorylation regulated kinase 4
NCBI Official Symbol	DYRK4
NCBI Protein Information	dual specificity tyrosine-phosphorylation-regulated kinase 4
UniProt Protein Name	Dual specificity tyrosine-phosphorylation-regulated kinase 4
UniProt Gene Name	DYRK4

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/dyrk4-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323526>