

Rabbit anti-Human DYRK2 Polyclonal Antibody | anti-DYRK2 antibody

DYRK2 Antibody (N-term)

CATALOG # AAA286610	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

DYRK2; Polyclonal Antibody; DYRK2 Antibody (N-term); Dual specificity tyrosine-phosphorylation-regulated kinase 2; anti-DYRK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DYRK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 105-135 amino acids from the N-terminal region of human DYRK2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	105-135
Sequence Length	528
Applicable Applications for anti-DYRK2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

DYRK2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DYRK2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

The anti-DYRK2 Pab is used in Western blot to detect DYRK2 in 293 cell lysate.

**WB (Western Blot)**

Western blot analysis of lysates from CEM, Hela cell line (from left to right), using DYRK2 Antibody (P46). AAA286610 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

**WB (Western Blot)**

Western blot analysis of lysate from 293 cell line, using DYRK2 Antibody (P46). AAA286610 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-DYRK2 antibody	DYRK2 belongs to a family of protein kinases whose members are presumed to be involved in cellular growth and/or development. The family is defined by structural similarity of their kinase domains and their capability to autophosphorylate on tyrosine residues. DYRK2 has demonstrated tyrosine autophosphorylation and catalyzed phosphorylation of histones H3 and H2B in vitro.
Product Categories/Family for anti-DYRK2 antibody	Crown Antibodies ; Signal Transduction
References	Becker, W., et al., J. Biol. Chem. 273(40):25893-25902 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503427
NCBI GeneID	8445
NCBI Accession #	NP_003574.1 ; NP_006473.2
NCBI GenBank Nucleotide #	NM_003583.3
UniProt Accession #	Q92630 ; Q9BRB5 ; B2R9V9
Molecular Weight	66652
NCBI Official Full Name	dual specificity tyrosine-phosphorylation-regulated kinase 2 isoform 1
NCBI Official Synonym Full Names	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2
NCBI Official Symbol	DYRK2
NCBI Protein Information	dual specificity tyrosine-phosphorylation-regulated kinase 2
UniProt Protein Name	Dual specificity tyrosine-phosphorylation-regulated kinase 2
UniProt Gene Name	DYRK2
UniProt Entry Name	DYRK2_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/dyrk2-antibody-immunohistochemistry-western-blot-elisa/286610>