

DYRK3 rabbit monoclonal antibody

Catalog # H00008444-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DYRK3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DYRK3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DYRK3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — DYRK3

Entrez GeneID	8444
GeneBank Accession#	DYRK3
Gene Name	DYRK3
Gene Alias	DYRK5, RED, REDK, hYAK3-2
Gene Description	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3
Omim ID	603497
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000034527 OTTHUMP00000034528 OTTHUMP00000034529 dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 5 protein kinase Dyrk3 regulatory erythroid kinase