

Product datasheet for **TA319749**

DYRK2 Rabbit Polyclonal Antibody

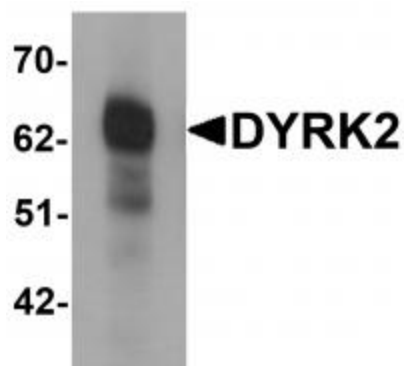
Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DYRK2 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human DYRK2.
Formulation:	DYRK2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	DYRK2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	dual specificity tyrosine phosphorylation regulated kinase 2
Database Link:	NP_006473 Entrez Gene 8445 Human Q92630
Background:	DYRK2 Antibody: DYRK2 is a member of the dual-specificity tyrosine phosphorylation-regulated kinase (DYRK) family that is thought to be involved in cellular proliferation and apoptosis. Under normal conditions, nuclear but not cytoplasmic DYRK2 is ubiquitinated by MDM2, leading to its constitutive degradation. However, upon exposure to genotoxic stress, ATM phosphorylates DYRK2, leading to its dissociation from MDM2 and its phosphorylation of p53, thereby inducing apoptosis. Recent evidence also suggests that DYRK2 may serve as a scaffold that facilitates assembly of an E3 ubiquitin ligase.
Synonyms:	FLJ21217; FLJ21365

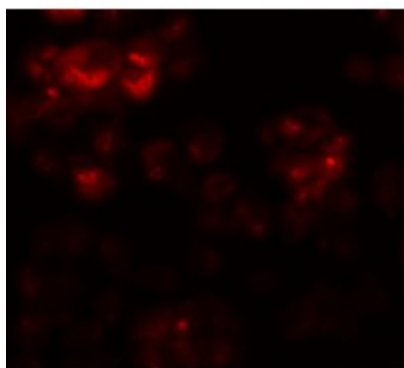


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Product images:



Western blot analysis of DYRK2 in 293 cell lysate with DYRK2 antibody at (A) 1 and (B) 2 ug/mL.



Immunofluorescence of DYRK2 in 293 cells with DYRK2 antibody at 20 ug/mL.



Immunocytochemistry of DYRK2 in 293 cells with DYRK2 antibody at 10 ug/mL.