antibodies -online.com





anti-DYRK1B antibody (N-Term)

3 Ir

Images

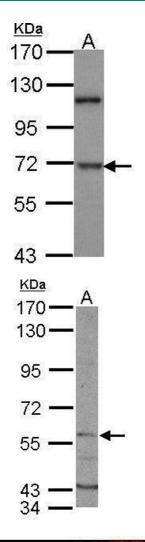


Go to Product page

Overview	
Quantity:	100 μL
Target:	DYRK1B
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYRK1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human
	DYRK1B. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to DYRK1B (dual-specificity tyrosine-(Y)-phosphorylation regulated
	kinase 1B)
	DYRK1B antibody
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	DYRK1B

Target Details

Alternative Name:	dual specificity tyrosine phosphorylation regulated kinase 1B (DYRK1B Products)
Background:	DYRK1B is a member of the DYRK family of protein kinases. DYRK1B contains a bipartite nuclear localization signal and is found mainly in muscle and testis. The protein is proposed to be involved in the regulation of nuclear functions. Three isoforms of DYRK1B have been identified differing in the presence of two alternatively spliced exons within the catalytic domain.
	Cellular Localization: Nucleus
Molecular Weight:	69 kDa
Gene ID:	9149
UniProt:	Q9Y463
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined
	by the researcher. Not tested in other applications.
Comment:	Positive Control: Mouse liver , H1299
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

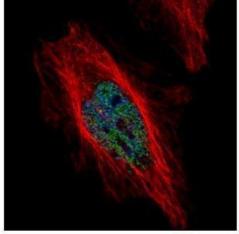


Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: H1299 7.5% SDS PAGE antibody diluted at 1:1000

Western Blotting

Image 2. WB Image Sample (50 ug of whole cell lysate) A: mouse liver 7.5% SDS PAGE antibody diluted at 1:500



Immunofluorescence

Image 3. ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using DYRK1B, antibody (Green) at 1:500 dilution. Alphatubulin filaments were labeled with (Red) at 1:2000.