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Product Data Sheet

Anti-DYRK1B Antibody

Catalog #	Source	Reactivity	Applications
CPA5164	Rabbit	H, M, B	WB, IH

Description	Rabbit polyclonal antibody to DYRK1B
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DYRK1B. The exact sequence is proprietary.
Purification	The antibody was purified by affinity chromatography.
Specificity	Recognizes endogenous levels of DYRK1B protein.
Clonality	Polyclonal
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)
Gene Symbol	DYRK1B
Alternative Names	MIRK; Dual specificity tyrosine-phosphorylation-regulated kinase 1B; Minibrain-related kinase; Mirk protein kinase
Entrez Gene	9149 (Human);13549 (Mouse)
SwissProt	Q9Y463 (Human);Q9Z188 (Mouse)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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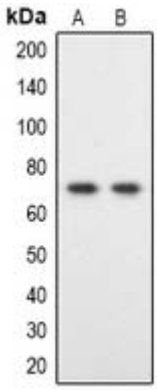
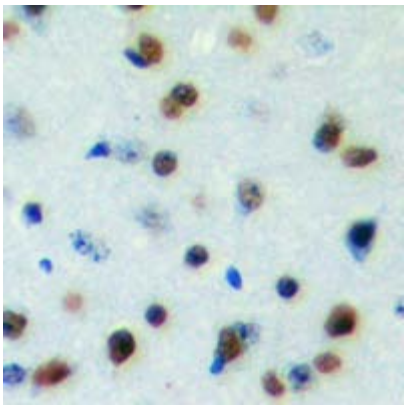


Western blot analysis of DYRK1B expression in Hela (A), HT1080 (B) whole cell lysates.



Immunohistochemical analysis of DYRK1B staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugacompact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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