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Product Data Sheet

Anti-DYRK2 Antibody

Catalog #	Source	Reactivity	Applications
CQA3254	Rabbit	H, M, R	WB, IH, IF/IC

Description	Rabbit polyclonal antibody to DYRK2
Immunogen	Recombinant full length protein of human DYRK2
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of DYRK2 protein.
Clonality	Polyclonal
Conjugation	
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 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200)
Gene Symbol	DYRK2
Alternative Names	Dual specificity tyrosine-phosphorylation-regulated kinase 2
Entrez Gene	8445 (Human); 69181 (Mouse)
SwissProt	Q92630 (Human); Q5U4C9 (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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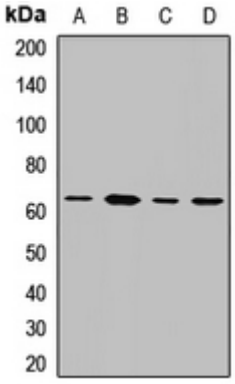
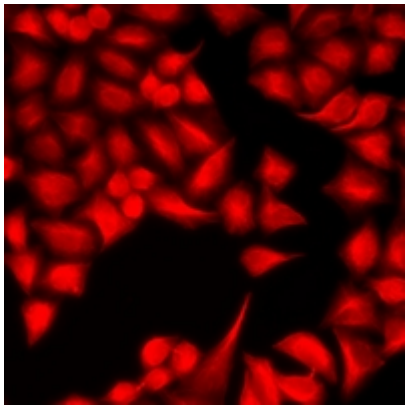


Western blot analysis of DYRK2 expression in MCF7 (A), HT29 (B), mouse liver (C), rat brain (D) whole cell lysates. (Predicted band size: 59; 66 kD; Observed band size: 67 kD)



Immunofluorescent analysis of DYRK2 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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