BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Dyrk1B Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02775
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human DYR1B. AA range:331-380
Mol wt	69198
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Dyrk1B Antibody
Synonyms	DYRK1B; MIRK; Dual specificity tyrosine-phosphorylation-regulated kinase 1B; Minibrain-related kinase; Mirk protein kinase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

DYRK1B (dual specificity tyrosine phosphorylation regulated kinase 1B) encodes a member of a family of nuclear-localized protein kinases. The encoded protein participates in the regulation of the cell cycle. Expression of DYRK1B may be altered in tumor cells, and mutations in DYRK1B were found to cause abdominal obesity-metabolic syndrome 3. Alternative splicing results in multiple transcript variants.

Recommended Dilution

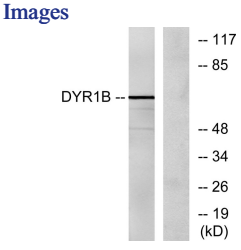
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

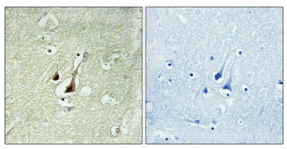
ELISA: 1: 20000

Not yet tested in other applications.

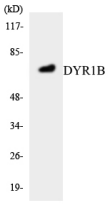
Images



Western blot analysis of lysates from Jurkat cells, using DYR1B Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of the lysates from COLO205 cells using DYR1B antibody.

Storage

-20°C for one year

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