antibodies -online.com





anti-DYRK1A antibody (N-Term)

1 Im

Image

2

Publications



Go to Product page

Overview

Quantity:	100 μg
Target:	DYRK1A
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DYRK1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	DYRK1A
Sequence:	PHSHQYSDRR QPN
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_001387.2, NP_569120.1, NP_567824.1, NP_569122.1). This antibody is not expected to cross-react with DYRK1B.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

_	
Target:	DYRK1A
Alternative Name:	DYRK1A (DYRK1A Products)
Background:	DYRK1A, dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A, DYRK, DYRK1,
	HP86, MNB, MNBH, MRD7, MNB/DYRK protein kinase, OTTHUMP00000109090,
	OTTHUMP00000109091, OTTHUMP00000109094, OTTHUMP00000174799, dual specificity
	YAK1-related kinase, d
Gene ID:	1859, 13548, 25255
NCBI Accession:	NP_001387, NP_569120, NP_567824, NP_569122
Pathways:	Mitotic G1-G1/S Phases
Application Details	
Application Notes:	Western Blot: Approx 80 kDa band observed in lysates of cell line K562 (calculated MW of
	85.6 kDa according to NP_001387.2). Recommended concentration: 0.5-2 μg/mL. Primary
	incubation was 1 hour.
	Peptide ELISA: antibody detection limit dilution 1:64000.
Comment:	Immunoprecipitation: This product has been successfully used in IP on Human: Widowati et a
	BMC Res Notes. 2018 May 15,11(1):297. PMID: 29764512.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum
	albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

Publications

Product cited in:

Widowati, Bamberg-Lemper, Becker: "Mutational analysis of two residues in the DYRK homology box of the protein kinase DYRK1A." in: **BMC research notes**, Vol. 11, Issue 1, pp. 297, (2018) (PubMed).

Widowati, Ernst, Hausmann, Müller-Newen, Becker: "Functional characterization of DYRK1A missense variants associated with a syndromic form of intellectual deficiency and autism." in: **Biology open**, Vol. 7, Issue 4, (2018) (PubMed).

Images



Western Blotting

Image 1. ABIN5539713 (0.5μg/ml) staining of K562 lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.