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Datasheet for ABIN1714733 anti-DYRK2 antibody (AA 425-480)



Overview

Quantity:	100 µL
Target:	DYRK2
Binding Specificity:	AA 425-480
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYRK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DYRK2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.
Target Details	

Target Details

Target:

DYRK2

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ackground: Synonyms: 1810038L188ik, Dual specicity tyrosine Y phosphorylation regulated kinase 2, Dual specicity tyrosine phosphorylation regulated kinase 2, DVRK2_PUNKA_ED_2.7.12.1, FLJ21217, FLJ21365 Background: Dyrk is the homolog of the Drosophila moh (minibrain) gene, which is required for neurogenesis (13). Dyrk is a dual-specificity tyrosine kinase and serine/threonine kinase, which is itself regulated by tyrosine phosphorylation (1). Several mammalian Dyrk related proteins have been identified and are thought to compose a family of dual specificity protein kinases (4) Dyrk family members, including Dyrk1A (originally Dyrk), Dyrk1B, Dyrk1C, Dyrk2, Dyrk8, Dyrk4A, and Dyrk4B, are thought to be involved in Downs syndrome, and it has been found to be somewhat overexpressed in Downs syndrome (1,5). Two isoforms of human fetal brain Dyrk2 exist a deduced 528 amino acid protein and a protein containing 73 additional amino acids at the amino terminus (4). Dyrk3 is strongly expressed in tests, only after the onset of spermatogenesis, and very weakly expressed in tests, only after the onset of spermatogenesis, and very weakly expressed in tests, only after the onset of spermatogenesis, and very weakly expressed in tests, only after the onset of spermatogenesis, and very weakly expressed in tests, only after the onset of spermatogenesis, and very weakly expressed in tests, only after the onset of spermatogenesis, and very weakly expressed in tests, only after the onset of spermatogenesis, and very weakly expressed in tests, only after the onset of spermatogenesis, and very weakly expressed in tests, only after the onset of spermatogenesis, and very weakly expressed in tests, only after the onset of spermatogenesis, and very weakly expressed in tests, only after the onset of spermatogenesis, and very weakly expressed in tests, only after the onset of spermatogenesis, and very weakly expressed in tests, only 110-F 1200-400	Target Details	
specially tyrosine phosphorylation regulated kinase 2, Dual specially tyrosine-phosphorylation-regulated kinase 2, DYRK2_HUMAN, EC 2.7.12.1, FLJ21217, FLJ21365. Background: Dyrk is the homolog of the Drosophila mnb (minibrain) gene, which is required for neurogenesis (13). Dyrk is a dual-specificity tyrosine kinase and serine/threonine kinase, which is itself regulated by tyrosine phosphorylation (1). Several mammalian Dyrk related proteins have been identified and are thought to compose a family of dual specificity protein kinases (4) Dyrk family members, including Dyrk1A (originally Dyrk). Dyrk1B, Dryk1C, Dyrk2, Dyrk3, Dyrk4A and Dyrk4B, are thought to be involved in diverse cellular functione (4). Dyrk1 is a candidate gene that may be involved in Downs syndrome, and it has been found to be somewhat overexpressed in Downs syndrome (1,5). Two isoforms of human fetal brain Dyrk2 exist: a deduced 528-amino acid protein and a protein containing 73 additional amino acids at the amino terminus (4). Dyrk3 is strongly expressed in spleen and adrenal gland (1). The genes which encode Dyrk2 and Dyrk3 map to human chromosomes 12 and 1q32, respectively (4). tene ID: 8445 athways: Regulation of Carbohydrate Metabolic Process upplication Details WB 1:300-5000 ELISA 1:500-1000 HiCP 1:200-400 HiCP 1:200-200 IF(HC-P) 1:50-200 IF(HC-P) 1:50-200 IF(HC-P) 1:50-200 IF(HC-F) 1:50-200 IF(HC-F) 1:50-200 isstrictions: For Research Use only	Alternative Name:	DYRK2 (DYRK2 Products)
rathways: Regulation of Carbohydrate Metabolic Process xpplication Details WB 1:300-5000 ELISA 1:500-1000 HC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500 For Research Use only dandling Handling	Background:	 specicity tyrosine phosphorylation regulated kinase 2, Dual specicity tyrosine-phosphorylation-regulated kinase 2, DYRK2, DYRK2_HUMAN, EC 2.7.12.1, FLJ21217, FLJ21365. Background: Dyrk is the homolog of the Drosophila mnb (minibrain) gene, which is required for neurogenesis (13). Dyrk is a dual-specificity tyrosine kinase and serine/threonine kinase, which is itself regulated by tyrosine phosphorylation (1). Several mammalian Dyrk related proteins have been identified and are thought to compose a family of dual specificity protein kinases (4). Dyrk family members, including Dyrk1A (originally Dyrk), Dyrk1B, Dryk1C, Dyrk2, Dyrk3, Dyrk4A and Dyrk4B, are thought to be involved in diverse cellular functions (4). Dyrk1A is a candidate gene that may be involved in Downs syndrome, and it has been found to be somewhat overexpressed in Downs syndrome (1,5). Two isoforms of human fetal brain Dyrk2 exist: a deduced 528-amino acid protein and a protein containing 73 additional amino acids at the amino terminus (4). Dyrk3 is strongly expressed in testis, only after the onset of spermatogenesis, and very weakly expressed in spleen and adrenal gland (1). The genes which
Application Details Application Notes: WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-P) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500 Itestrictions: For Research Use only	Gene ID:	8445
pplication Notes: WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500 testrictions: For Research Use only	Pathways:	Regulation of Carbohydrate Metabolic Process
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landling	Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
	Restrictions:	For Research Use only
	Handling	
ormat: Liquid	Format:	Liquid
Concentration: 1 µg/µL	Concentration:	1 μg/μL

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Handling

Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months