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Datasheet for ABIN5535571 anti-PTK2B antibody (AA 672-701)

3 Images



Overview

Quantity:	400 µL
Target:	PTK2B
Binding Specificity:	AA 672-701
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTK2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This Mouse Ptk2b antibody is generated from rabbits immunized with a KLH conjugated
	synthetic peptide between 672-701 amino acids from the Central region of mouse Ptk2b.
lsotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	

l'arget:	PTK2B
Alternative Name:	Ptk2b (PTK2B Products)
Background:	Involved in calcium induced regulation of ion channel and activation of the map kinase signaling pathway. May represent an important signaling intermediate between neuropeptide
	activated receptors or neurotransmitters that increase calcium flux and the downstream

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Application Notes:	For WB starting dilution is: 1:1000
Application Details	
	Positive Regulation of fat Cell Differentiation, VEGE Signaling
	Desitive Degulation of fat Coll Differentiation VECE Signaling
	Events mediated by VEGER1 and VEGER2 Signaling of Henatocyte Growth Factor Recentor
	Process Hepatitis C Protein targeting to Nucleus CXCR4-mediated Signaling Events Signaling
	Cell Junction Organization, Regulation of Cell Size, Regulation of Carbohydrate Metabolic
	Homeostasis, Glycosaminoglycan Metabolic Process, Cellular Glucan Metabolic Process, Cell-
Pathways:	EGFR Signaling Pathway, Regulation of Actin Filament Polymerization, Carbohydrate
UniProt:	Q9QVP9
Gene ID:	19229
Molecular Weight:	116 kDa
	dependent SNCA 'Tyr-125' phosphorylation (By similarity).
	correlated with the stimulation of c-Jun N-terminal kinase activity. Involved in osmotic stress-
	phosphorylate the voltage-gated potassium channel protein Kv1.2. Its activation is highly
	signals that regulate neuronal activity. Interacts with the SH2 domain of Grb2. May

	For IHC-P starting dilution is: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

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Western Blotting

Image 1. Western blot analysis in K562 cell line lysates (35ug/lane).

Western Blotting

Image 2. Western blot analysis in mouse spleen tissue lysates (35ug/lane).

Immunohistochemistry

Image 3. Mouse Ptk2b Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.

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