PTK2B Antibody

Catalog No: #36460

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Description

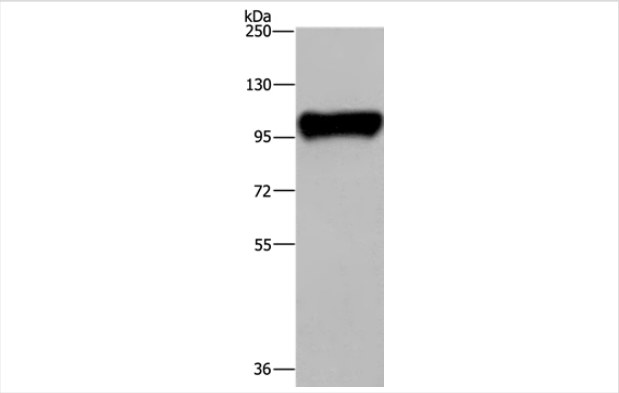
Product Name	PTK2B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PTK2B protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human protein tyrosine kinase 2 beta
Target Name	PTK2B
Other Names	PKB; PTK; CAKB; FAK2; PYK2; CADTK; FADK2; RAFTK
Accession No.	Swiss-Prot#: Q14289NCBI Gene ID: 2185Gene Accssion: BC042599
Uniprot	Q14289
GeneID	2185;
SDS-PAGE MW	116kd
Concentration	2.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

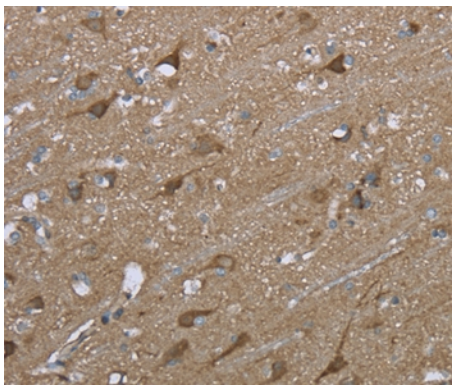
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 6%SDS-PAGE
Lysate: 40ug Raji cell
Primary antibody: 1/300 dilution
Secondary antibody dilution: 1/8000
Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #36460 at dilution 1/50.

Background

This gene encodes a cytoplasmic protein tyrosine kinase which is involved in calcium-induced regulation of ion channels and activation of the map kinase signaling pathway. The encoded protein may represent an important signaling intermediate between neuropeptide-activated receptors or neurotransmitters that increase calcium flux and the downstream signals that regulate neuronal activity. The encoded protein undergoes rapid tyrosine phosphorylation and activation in response to increases in the intracellular calcium concentration, nicotinic acetylcholine receptor activation, membrane depolarization, or protein kinase C activation.

Note: This product is for in vitro research use only