PAKβ (phospho Ser154) Polyclonal Antibody

Catalog No: #13633

Package Size: #13633-1 50ul #13633-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PAKβ (phospho Ser154) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-PAKβ (S154) Polyclonal Antibody detects endogenous levels of PAKβ protein only when phosphorylated at S154.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human PAK3 around the phosphorylation site of Ser154. AA range:121-170
Conjugates	Unconjugated
Other Names	PAK3; OPHN3; Serine/threonine-protein kinase PAK 3; Beta-PAK; Oligophrenin-3; p21-activated kinase 3; PAK-3
Accession No.	Swiss Prot:O75914GeneID:5063
SDS-PAGE MW	72
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

Background

p21 (RAC1) activated kinase 3(PAK3) Homo sapiens The protein encoded by this gene is a serine-threonine kinase and forms an activated complex with GTP-bound RAS-like (P21), CDC2 and RAC1. This protein may be necessary for dendritic development and for the rapid cytoskeletal reorganization in dendritic spines associated with synaptic plasticity. Defects in this gene are the cause of non-syndromic mental retardation X-linked type 30 (MRX30), also called X-linked mental retardation type 47 (MRX47). Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Apr 2016],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.