

Datasheet for ABIN1531367
anti-PAK1/2/3 antibody (pSer144)

2 Images

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Overview

Quantity:	100 µg
Target:	PAK1/2/3
Binding Specificity:	AA 111-160, pSer144
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAK1/2/3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Western Blotting (WB)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PAK1/2/3 around the phosphorylation site of Ser144/141/139.
Isotype:	IgG
Specificity:	PAK1/2/3 (Phospho-Ser144/141/139) Antibody detects endogenous levels of PAK1/2/3 only when phosphorylated at Ser144/141/139. <p>PhosphorylationH:S144/141/139 M:S144/141/139 R:S144/141/139
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

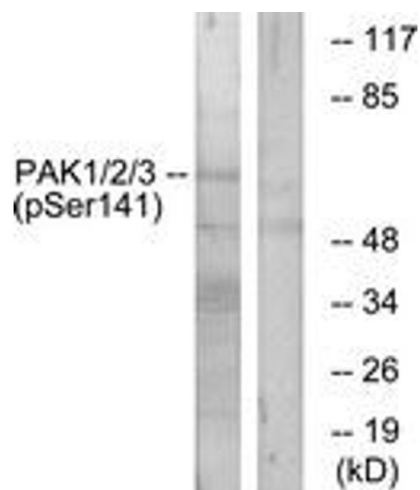
Target:	PAK1/2/3
Alternative Name:	PAK1/2/3 (PAK1/2/3 Products)
Background:	Synonyms: Gamma-PAK, P21-activated kinase 2, PAK 2, PAK-2, PAK65, PAKI, S6/H4 kinase, kinase PAK2, p21-activated kinase 2, p21-activated protein kinase IBeta-PAK, CDC42/RAC effector kinase PAK-B, OPHN3, Oligophrenin-3, P65-PAK, PAK 3, PAK-3, PAKB, STK4, Serine/thre NCBI Gene Symbol: PAK1
Molecular Weight:	57 kDa
Gene ID:	5058, 5062, 5063
OMIM:	602590
UniProt:	Q13153 , Q13177 , O75914

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000
Comment:	Unigene-Number: Hs.435714, Hs.518530, Hs.656789 (NCBI Gene Symbol: PAK1)
Restrictions:	For Research Use only

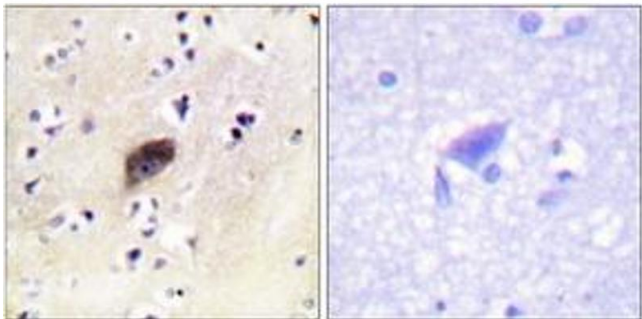
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from mouse brain, using PAK1/2/3 (Phospho-Ser144/141/139) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using PAK1/2/3 (Phospho-Ser144/141/139) Antibody. The picture on the right is treated with the synthesized peptide.