

Datasheet for ABIN1531366
anti-PAK1/2/3 antibody (pThr423)



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1 Image

Overview

Quantity:	100 µL
Target:	PAK1/2/3
Binding Specificity:	AA 391-440, pThr423
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAK1/2/3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PAK1/2/3 around the phosphorylation site of Thr423/402/421.
Isotype:	IgG
Specificity:	PAK1/2/3 (Phospho-Thr423/402/421) Antibody detects endogenous levels of PAK1/2/3 only when phosphorylated at Thr423/402/421. <p>PhosphorylationH:T423/402/421 M:T423/402/421 R:T422/402/421
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

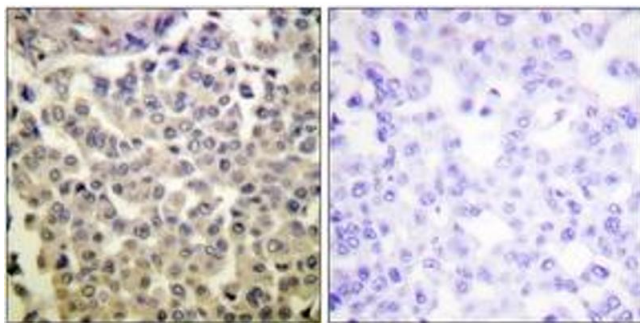
Target:	PAK1/2/3
Alternative Name:	PAK1/2/3 (PAK1/2/3 Products)
Background:	Synonyms: Gamma-PAK, P21-activated kinase 2, PAK 2, PAK-2, PAK65, PAKI, S6/H4 kinase, kinase PAK2, p21-activated kinase 2, p21-activated protein kinase IBeta-PAK, CDC42/RAC effector kinase PAK-B, OPHN3, Oligophrenin-3, P65-PAK, PAK 3, PAK-3, PAKB, STK4, Serine/thre NCBI Gene Symbol: PAK1
Molecular Weight:	60 kDa
Gene ID:	5058, 5062, 5063
OMIM:	602590
UniProt:	Q13153 , Q13177 , O75914

Application Details

Application Notes:	IHC: 1:50~1:100 ELISA: 1:5000
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 Mg ²⁺ and Ca ²⁺), 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



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using PAK1/2/3 (Phospho-Thr423/402/421) Antibody. The picture on the right is treated with the synthesized peptide.