Datasheet for ABIN1531457

anti-PAK2 antibody (pSer20)

2 Images

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Overview

Quantity:	100 µg
Target:	PAK2
Binding Specificity:	AA 5-54, pSer20
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PAK2 around the phosphorylation site of Ser20.
Isotype:	IgG
Specificity:	PAK2 (Phospho-Ser20) Antibody detects endogenous levels of PAK2 only when phosphorylated at Ser20. PhosphorylationH:S20 M:S20 R:S20
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 %

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Target Details

Target:	PAK2
Alternative Name:	PAK2 (PAK2 Products)
Background:	Synonyms: p21-activated kinase 2, PAK-2, Gamma-PAK, PAK65, S6/H4 kinase, p58 NCBI Gene Symbol: PAK2
Molecular Weight:	58 kDa
Gene ID:	5062
OMIM:	605022
UniProt:	Q13177
Pathways:	MAPK Signaling, RTK Signaling, TCR Signaling, Fc-epsilon Receptor Signaling Pathway, Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000
Comment:	Unigene-Number: Hs.518530 (NCBI Gene Symbol: PAK2)
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

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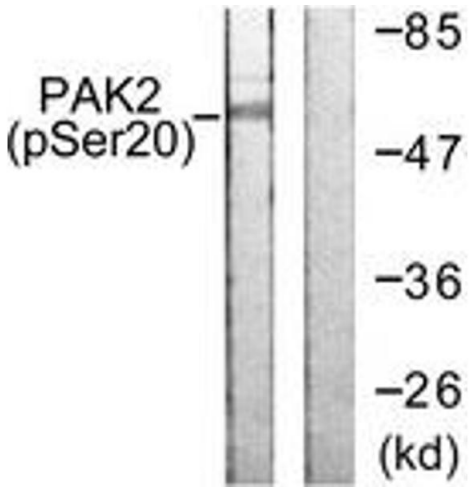
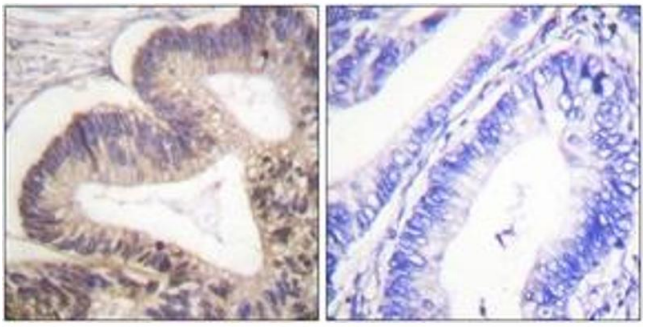


Western Blotting

Image 1. Western blot analysis of extracts from 293 cells treated with Sorbitol 0.4M 30', using PAK2 (Phospho-Ser20) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using PAK2 (Phospho-Ser20) Antibody. The picture on the right is treated with the synthesized peptide.

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