

Datasheet for ABIN479635

## anti-PAK1/2 antibody (pSer144, Ser141)



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### Overview

Quantity:	100 µL
Target:	PAK1/2
Binding Specificity:	pSer144, Ser141
Reactivity:	Human, Rat, Mouse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAK1/2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	KLH-conjugated, synthetic phospho-peptide corresponding to residues surrounding Ser144 of human PAK1.  Type of Immunogen: Synthetic phospho-peptide
Isotype:	IgG
Specificity:	Recognizes Ser144 phosphorylated PAK1 and Ser141 phosphorylated PAK2. This antibody also recognizes Ser139 phosphorylated PAK3 but does not cross-react with phosphorylated PAK4-6. The p21-activated kinase (PAK) family of serine/threonine kinases is engaged in multiple cellular processes, including cytoskeletal reorganization, MAPK signaling, apoptotic signaling, control of phagocyte NADPH oxidase and growth factor-induced neurite outgrowth. Species cross-reactivity: Human and guinea pig, predicted to react with rat and mouse due to 100 % sequence homology.

### Product Details

Purification: Protein A purified

### Target Details

Target: PAK1/2

Alternative Name: PAK1/PAK2 ([PAK1/2 Products](#))

### Application Details

Application Notes: Approved: WB (1:1000)

Usage: Suitable for use in Western Blot. Western Blot: 1:1000. Incubate membrane with diluted antibody in 5 % BSA, 1X TBS, 0.1 % Tween-20 at 4°C with gentle shaking, overnight.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

### Handling

Format: Liquid

Concentration: Lot specific

Buffer: 10 mM HEPES, pH 7.5, 150 mM sodium chloride, 100 µg/mL BSA, 50 % glycerol.