

anti-Human, Mouse PAK5/6 Antibody | anti-PAK5/6 antibody

PAK5/6 (Phospho-Ser602/Ser560) Antibody

CATALOG # AAA110804	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Western Blot
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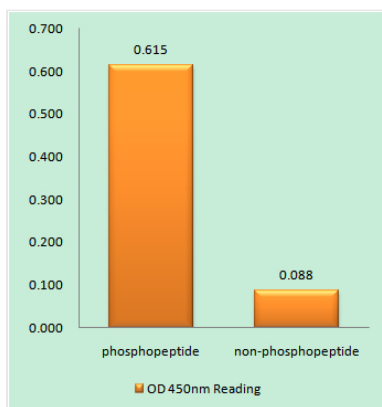
PRODUCT SYNONYMS

PAK5/6; PAK5/6 (Phospho-Ser602/Ser560) Antibody; EC 2.7.11.1; kinase PAK6; p21-activated kinase 6; PAK 6; PAK-5; PAK-6; PAK5; anti-PAK5/6 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	PAK5/6 (Phospho-Ser602/Ser560) antibody detects endogenous levels of PAK5/6 only when phosphorylated at serine 602/560.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	719
Applicable Applications for anti-PAK5/6 antibody	ELISA, WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PAK5/6 around the phosphorylation site of serine 602/560 (R-K-SP-L-V).
All Sites	Human: Ser602/Ser560 Mouse: Ser602/Ser561
Preparation and Storage	Store at -20 degree C for 1 year.

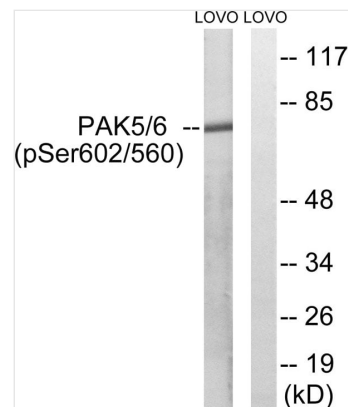
IMAGES



WB (Western Blot)

Western blot analysis of extracts from LOVO cells, treated with PMA (125ng/ml, 30mins), using PAK5/6 (Phospho-Ser602/Ser560) antibody. PAK5/6 (Phospho-Ser602/Ser560) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

Application Data



ADDITIONAL INFORMATION

Product Categories/Family for anti-PAK5/6 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Yang F., J. Biol. Chem. 276:15345-15353(2001). Wagner T., Submitted (FEB-1999) to the EMBL/GenBank/DBJ databases. Sjoebloom T., Science 314:268-274(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	24308191
NCBI GeneID	57144
NCBI Accession #	NP_065074.1
NCBI GenBank Nucleotide #	NM_020341.3
UniProt Accession #	Q9P286; Q5W115; Q8TB93; Q9BX09; Q9ULF6; A8K5T6; D3DW14
Molecular Weight	80,745 Da
NCBI Official Full Name	serine/threonine-protein kinase PAK 5
NCBI Official Synonym Full Names	p21 (RAC1) activated kinase 5
NCBI Official Symbol	PAK5
NCBI Official Synonym Symbols	PAK7
NCBI Protein Information	serine/threonine-protein kinase PAK 5
UniProt Protein Name	Serine/threonine-protein kinase PAK 5
UniProt Gene Name	PAK5
UniProt Synonym Gene Names	PAK-5; PAK-7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/pak5-6/110804>