

Anti-PAK3 (Phospho-S154) Antibody

Catalog #	Source	Reactivity	Applications
CPA1850	Rabbit	H, M, R, Mk	WB, IH
Description	Rabbit polyclonal antibody to PAK3 (Phospho-S154)		
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S154 of human PAK3 protein. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of PAK3 protein only when phosphorylated at S154.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)		
Gene Symbol	PAK3		
Alternative Names	OPHN3; Serine/threonine-protein kinase PAK 3; Beta-PAK; Oligophrenin-3; p21-activated kinase 3; PAK-3		
Entrez Gene	5063 (Human); 18481 (Mouse); 29433 (Rat)		
SwissProt	O75914 (Human); Q61036 (Mouse); Q62829 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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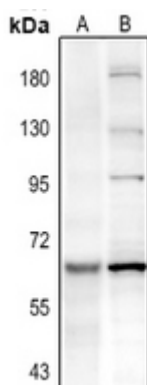
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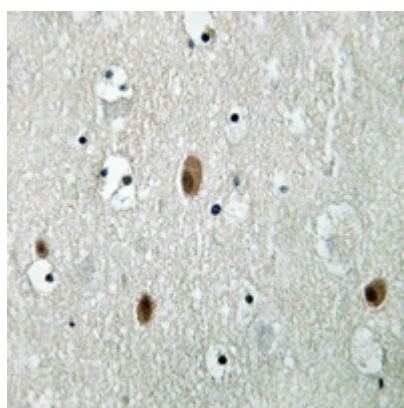
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Product Data Sheet



Western blot analysis of PAK3 (Phospho-S154) expression in BV2 (A), SKOV3 (B), U87MG (C) whole cell lysates. (Predicted band size: 62 kD; Observed band size: 65 kD)



Immunohistochemical analysis of PAK3 (Phospho-S154) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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