

## Product datasheet for **TA325760**

### PAK1 Rabbit Polyclonal Antibody

#### Product data:

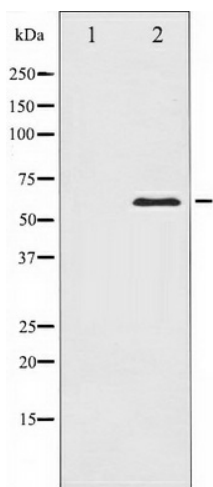
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200; IF/ICC: 1:100-1:500
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human PAK1
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	p21 (RAC1) activated kinase 1
Database Link:	<a href="#">NP_001122092</a> <a href="#">Entrez Gene 18479 Mouse</a> <a href="#">Entrez Gene 29431 Rat</a> <a href="#">Entrez Gene 5058 Human</a> <a href="#">Q13153</a>
Background:	PAK proteins are critical effectors that link RhoGTPases to cytoskeleton reorganization and nuclear signaling. PAK proteins, a family of serine/threonine p21-activating kinases, include PAK1, PAK2, PAK3 and PAK4.
Synonyms:	PAKalpha
Protein Families:	Druggable Genome, Protein Kinase, Stem cell - Pluripotency



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**Protein Pathways:**

Axon guidance, Chemokine signaling pathway, Epithelial cell signaling in Helicobacter pylori infection, ErbB signaling pathway, Fc gamma R-mediated phagocytosis, Focal adhesion, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, Regulation of actin cytoskeleton, Renal cell carcinoma, T cell receptor signaling pathway

**Product images:**


Western blot analysis of PAK1 expression in Etoposide treated 293 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

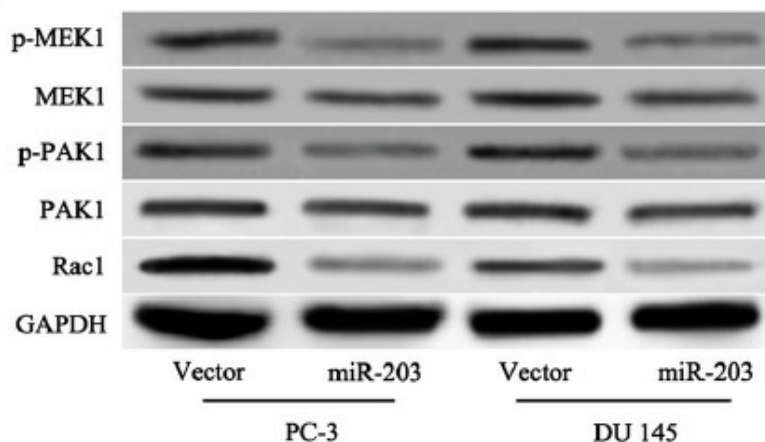
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Figure from citation: Western blot analysis of PAK1 protein level by using anti-PAK1 antibody in PC-3 and DU145 cells after infection with miR-203. [View Citation](#)