

**Product Name: PAK2 Rabbit Monoclonal Antibody****Catalog #: AMRe02399**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.65mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 58 kDa; Observed MW: 58 kDa

**Antigen Information**

<b>Gene Name</b>	PAK2
<b>Alternative Names</b>	PAK2; Serine/threonine-protein kinase PAK 2; Gamma-PAK; PAK65; S6/H4 kinase; p21-activated kinase 2; PAK-2; p58
<b>Gene ID</b>	5062
<b>SwissProt ID</b>	Q13177
<b>Immunogen</b>	A synthetic peptide corresponding to target protein

**Background**

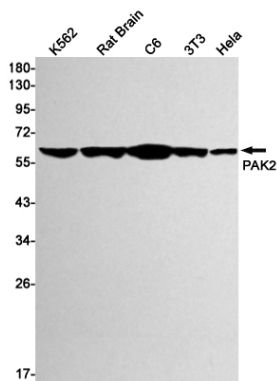
The activated kinase acts on a variety of targets. Phosphorylates ribosomal protein S6, histone H4 and myelin basic protein. Full

length PAK 2 stimulates cell survival and cell growth. The process is, at least in part, mediated by phosphorylation and inhibition of pro-apoptotic BAD.

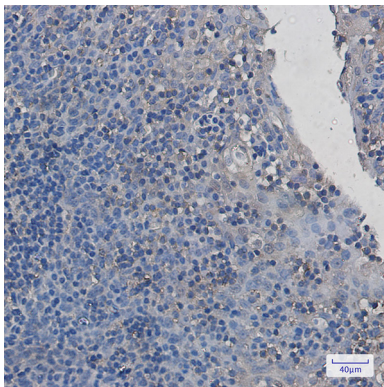
## Research Area

Cell Biology

## Image Data



Western blot analysis of PAK2 in K562, rat Brain, C6, 3T3, Hela lysates using PAK2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using PAK2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.