

## Anti-Phospho-PAK3 (Ser154) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 62 kDa. Actual: 60 kDa.
Purification:	Protein A purified

## Applications

Sample:	Lane 1: Mouse Testis tissue lysates Lane 2: Mouse Stomach tissue lysates
Verified Activity:	Primary: Anti-phospho-PAK1 (Ser144)+PAK3 (Ser154) (TMAB-11107) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 60 kDa Observed band size: 60 kDa
Application:	WB,IHC-P,IHC-Fr,ICC/IF,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated Synthesised phosphopeptide: human PAK3 around the phosphorylation site of Ser154
Antigen Species:	Human
Gene ID:	5063
Uniprot ID:	O75914

## Research Background

The protein encoded by this gene is a serine-threonine kinase and forms an activated complex with GTP-bound RAS-like (P21), CDC2 and RAC1. This protein may be necessary for dendritic development and for the rapid cytoskeletal reorganization in dendritic spines associated with synaptic plasticity. Defects in this gene are the cause of a non-syndromic form of X-linked intellectual disability. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2017]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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