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Anti-PAKγ Rabbit mAb [38D96]

Catalog No.: A52262

Basic Information

Catalog No. (Cat.No.)	A52262
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	PAKγ,PAK-γ,p21-activated kinase 3,PAK-3,STEF

Product Information

Target	PAKγ
Molecular Weight(Calculated)	58 kDa
Molecular Weight(Observed)	58 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	38D96
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:2000-1:10000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	p21-activated kinase-3
Gene Name	*PAK3*
Domain	NA
Background	PAK3 (PAKγ, p21-activated kinase 3) is group-II p21-activated kinase family protein mediating cytoskeleton control, neurodevelopment and pro-survival signaling. As group-II PAK, PAKγ (PAK3) is regulated by Rac/Cdc42 and lacks canonical auto-inhibitory activation mode. It is highly enriched in nervous system, governing dendrite morphogenesis, synaptogenesis and neuronal migration during neural development. Its kinase activity modulates actin and microtubule dynamics. Germline PAK3 mutations cause intellectual disability. Up-regulated PAKγ in certain tumors contributes to cancer-cell invasion and apoptosis-resistance. It also participates in epithelial-cell migration beyond neuronal contexts.