

Anti-PAK3 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

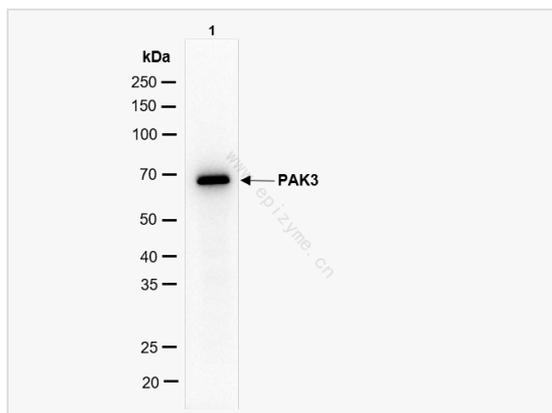
Catalog # R013800

Product Information

Application	IHC-P/IF (Tissue-P), WB, ELISA
Reactivity	Mouse
Dilution	WB 1:1,000~1:5,000; IHC-P 1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	11R93197
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human PAK3
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PAK3 Rabbit mAb [11R93197] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ARA, bPAK, MRX30, MRX47, OPHN3, PAK-3, PAK3beta, beta-PAK, Serine/threonine-protein kinase PAK 3, OPHN3, EC:2.7.11.1, Oligophrenin-3, p21-activated kinase 3 (PAK-3), p21 (RAC1) activated kinase 3, XLID30.
Calculated MW	Calculated MW: 62 kDa; Observed MW: 65 kDa
Uniprot ID	O75914
Gene ID	5063
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]



Western Blot - Anti-PAK3 Rabbit mAb [11R93197]

All lanes: R013800 at 1:5,000 dilution

Lane 1: Balb/c mouse brain whole tissue lysates

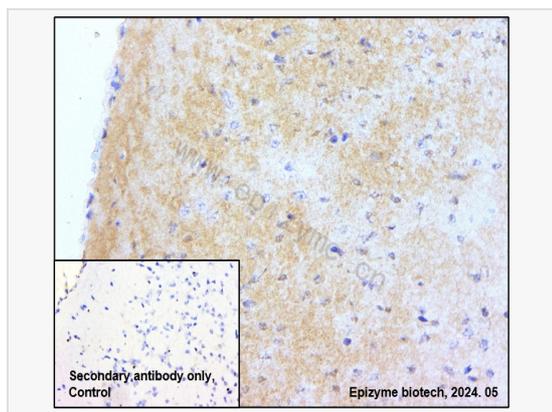
Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 62 kDa

Observed band size: 65 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-PAK3 Rabbit mAb [11R93197]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse brain tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013800 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.