

Datasheet for ABIN5611206
anti-PAK3 antibody (AA 1-100)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mg
Target:	PAK3
Binding Specificity:	AA 1-100
Reactivity:	Human, Monkey
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Neutralization (Neut), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human PAK3 (AA: 1-100) expressed in E. coli.
Clone:	4G8F11
Isotype:	IgG1
Purification:	purified

Target Details

Target:	PAK3
Alternative Name:	PAK3 (PAK3 Products)
Background:	Description: 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

Target Details

spines associated with synaptic plasticity. Defects in this gene are the cause of non-syndromic mental retardation X-linked type 30 (MRX30), also called X-linked mental retardation type 47 (MRX47). Alternatively spliced transcript variants encoding different isoforms have been identified.

Aliases: ARA, bPAK, MRX30, MRX47, OPHN3, PAK-3, PAK3beta, beta-PAK

Molecular Weight:	62.3 kDa
-------------------	----------

Gene ID:	5063
----------	------

HGNC:	5063
-------	------

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: N/A, IHC: N/A
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

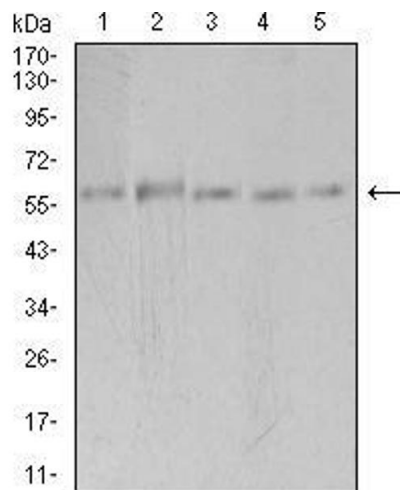
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
---------	---

Preservative:	Sodium azide
---------------	--------------

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	--

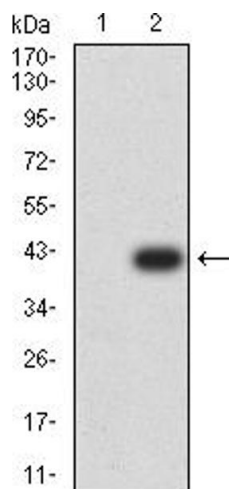
Storage:	4 °C/-20 °C
----------	-------------

Storage Comment:	4°C, -20°C for long term storage
------------------	----------------------------------



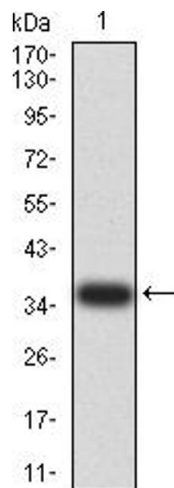
Western Blotting

Image 1. Western blot analysis using PAK3 mouse mAb against Hela (1), SK-N-SH (2), T47D (3), COS7 (4), and HepG2 (5) cell lysate.



Western Blotting

Image 2. Western blot analysis using PAK3 mAb against HEK293 (1) and PAK3 (AA: 1-100)-hlgGfc transfected HEK293 (2) cell lysate.



Western Blotting

Image 3. Western blot analysis using PAK3 mAb against human PAK3 (AA: 1-100) recombinant protein. (Expected MW is 37 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5611206.