

Datasheet

CDK5RAP3 monoclonal antibody (M01), clone 1G4

Catalog Number: H00080279-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant CDK5RAP3.

Clone Name: 1G4

Immunogen: CDK5RAP3 (AAH09957, 1 a.a. ~ 506 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MEDHQHVPIDIQTSKLLDWLVDRRHCSLKWQSLVLTIR
EKINAAIQDMPESSEEIAQLLSGSYIHVFHCLRILDLLKGT
EASTKNIFGRYSSQRMKDWQEIIALYEKDNTYLVELSS
LLVRNVNVEIPSLKKQIAKCCQLLQEQEYSRKEEECCQAG
AAEMREQFYHSCKQYGITGENVRGELLALVKDLPSQL
AEIGAAAQQLGEAIDVYQASVGFVCEPTEQVLPML
RFVQKRGNSTVYEWRTGTPEPSVVERPHLEELPEQVA
EDAIDWDFGVEAVSEGTDSGISAEAAAGIDWGFIPESD
SKDPGGDGDWGDDAVALQITVLEAGTQAPEGVARGP
DALTLLEYTETRNQFLDELMELEIFLAQRAVELSEADV
LSVSQFQLAPAILQGQTKEKMVTMVSVLEDLIGKLTSL
QLQHLMILASPRYVDRVTEFLQKQKLSQLLALKKEL
MVQKQEALEEQAALPKLDLLEKTKELQKLEADISK
RYSGRPVNLMGTSL

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, S-ELISA, WB-Ce,
WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 80279

Gene Symbol: CDK5RAP3

Gene Alias: C53, HSF-27, IC53, LZAP, MST016,
OK/SW-cl.114

Gene Summary: Neuronal CDC2-like kinase, which is involved in the regulation of neuronal differentiation, is composed of a catalytic subunit, CDK5, and an activating subunit, p25NCK5A. The protein encoded by this gene binds to p25NCK5A and therefore may be involved in neuronal differentiation. The encoded protein, which may be a substrate of neuronal CDC2-like kinase, has also been found in vascular endothelial cells, where it mediates cell proliferation. [provided by RefSeq]

References:

1. Suppression of the novel ER protein Maxer by mutant ataxin-1 in Bergman glia contributes to non-cell-autonomous toxicity. Shiwaku H, Yoshimura N, Tamura T, Sone M, Ogishima S, Watase K, Tagawa K, Okazawa H. EMBO J. 2010 Jun 8. [Epub ahead of print]