

## ARG40022 anti-CDK5RAP3 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CDK5RAP3
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CDK5RAP3
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-300 of Human CDK5RAP3 (NP_788276.1).
Conjugation	Un-conjugated
Alternate Names	IC53; PP1553; C53; LZAP; Protein HSF-27; OK/SW-cl.114; CDK5 regulatory subunit-associated protein 3; MST016; LXXLL/leucine-zipper-containing ARF-binding protein; CDK5 activator-binding protein C53; HSF-27

### Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table>	Application	Dilution	WB	1:500 - 1:2000
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WB	1:500 - 1:2000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	U-87 MG				
Observed Size	65 kDa				

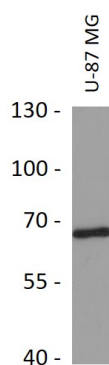
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	CDK5RAP3
Gene Full Name	CDK5 regulatory subunit associated protein 3
Background	This gene encodes a protein that has been reported to function in signaling pathways governing transcriptional regulation and cell cycle progression. It may play a role in tumorigenesis and metastasis. A pseudogene of this gene is located on the long arm of chromosome 20. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, May 2013]
Function	Potential regulator of CDK5 activity. May be involved in cell proliferation. Regulates CDK5 activity via its interaction with CDK5R1 (By similarity). [UniProt]
Calculated Mw	57 kDa
PTM	May be phosphorylated by CDK5.  Ubiquitinated. Probably triggers proteasomal degradation and is negatively regulated by UFL1.  May be ufmylated.  Cleaved by caspases early during apoptosis, the resulting peptides may play a role in rupture of the nuclear envelope. [UniProt]
Cellular Localization	Nucleus. Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Colocalizes and associates with microtubules. [UniProt]

## Images



ARG40022 anti-CDK5RAP3 antibody WB image

Western blot: 25 µg of U-87 MG cell lysate stained with ARG40022 anti-CDK5RAP3 antibody at 1:1000 dilution.