

## ARG57999 anti-Arc / Arg 3.1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Arc / Arg 3.1
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Arc / Arg 3.1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-220 of Human Arc / Arg3.1 (NP_056008.1).
Conjugation	Un-conjugated
Alternate Names	Activity-regulated gene 3.1 protein homolog; ARC/ARG3.1; Arg3.1; Activity-regulated cytoskeleton-associated protein

### Application Instructions

Application table	Application	Dilution
	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	HeLa	
Observed Size	54 kDa	

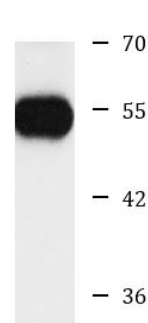
### Properties

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	ARC
Gene Full Name	activity-regulated cytoskeleton-associated protein
Function	Required for consolidation of synaptic plasticity as well as formation of long-term memory. Regulates endocytosis of AMPA receptors in response to synaptic activity. Required for homeostatic synaptic scaling of AMPA receptors (By similarity). Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the stress fiber dynamics and cell migration. [UniProt]
Calculated Mw	45 kDa
Cellular Localization	Cell junction, Cell projection, Cytoplasm, Cytoplasmic vesicle, Endosome, acrosome, cytoskeleton, dendrite, dendritic spine, postsynaptic cell membrane, postsynaptic density, secretory vesicle, synapse. [UniProt]

Images



HeLa

ARG57999 anti-Arc / Arg 3.1 antibody WB image

Western blot: 25 µg of HeLa cell lysate stained with ARG57999 anti-Arc / Arg 3.1 antibody at 1:3000 dilution.