

## ARC Antibody (F43939)

Catalog No.	Formulation	Size
F43939-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43939-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q7LC44
Applications	Western Blot : 1:1000
Limitations	This ARC antibody is available for research use only.



ARC antibody western blot analysis in K562 lysate. Predicted molecular weight ~45 kDa.

### Description

ARC (Activity-Regulated Cytoskeleton-associated protein) is 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).

### Application Notes

Titration of the ARC antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 37-66 from the human protein was used as the immunogen for this ARC antibody.

## Storage

Aliquot the ARC antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.