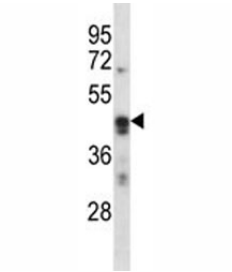
ARC Antibody (F43939)

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

Bulk quote request

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.

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