

Datasheet for ABIN3028474
anti-Arc antibody (AA 37-66)



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2 Images

Overview

Quantity:	0.4 mL
Target:	Arc
Binding Specificity:	AA 37-66
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Arc antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 37-66 from the human protein was used as the immunogen for this ARC antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat
Purification:	Antigen affinity purified

Target Details

Target:	Arc
Alternative Name:	ARC (Arc Products)
Background:	ARC (Activity-Regulated Cytoskeleton-associated protein) is required for consolidation of

Target Details

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).

UniProt: [Q7LC44](#)

Application Details

Application Notes: Titration of the ARC antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

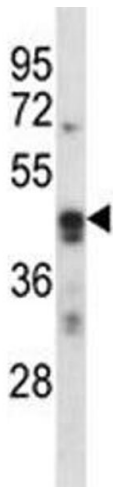
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

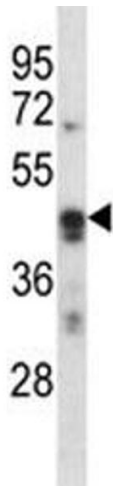
Storage Comment: Aliquot the ARC antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. ARC antibody western blot analysis in K562 lysate. Predicted molecular weight ~45 kDa.



Western Blotting

Image 2. ARC antibody western blot analysis in K562 lysate.
Predicted molecular weight ~45 kDa.