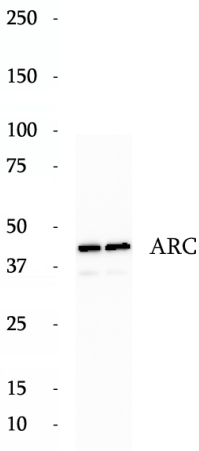


## Certificate of Analysis

Catalog Number	BP60272
Product Name	Anti-ARC antibody

## Physical and Chemical Properties

Molecular Weight	45-50 kDa
GenBank	BC012321
Uniprot	Q7LC44
Concentration	400 µg/ml
Form	Liquid
Storage Instruction	10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do Not Aliquot.
Chemical Structure OR Tested Image	 <p>250 - 150 - 100 - 75 - 50 - 37 - 25 - 15 - 10 -</p> <p>ARC</p>

## Product Information

Description	ARC, also named as KIAA0278 and Arg3.1, mediates endocytosis of neuronal AMPA-type glutamate receptors (AMPA-Rs). It is required for consolidation of synaptic plasticity as well as formation of long-term memory. ARC plays a role in the regulation of cell morphology and cytoskeletal organization. It is required in the stress fiber dynamics and cell migration.
Tested Applications	WB: 1:1000; IF: 1:100-1:300; IHC:1:50-1:200
Species Reactivity	Human, Mouse, Rat
Host Species/Isotype	Rabbit/IgG

## Analytical Data

Quality Assurance	The biological and chemical parameters such as concentration, purity, application and specificity of the tested antibody comply with the above-mentioned criteria of the product.
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