



Rat ARC peptide (DAG-P1386)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the ARC/ARG3.1 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	ARC activity-regulated cytoskeleton-associated protein [Homo sapiens (human)]
Official Symbol	ARC
Synonyms	ARC; activity-regulated cytoskeleton-associated protein; Arg3.1; ARC/ARG3.1; activity-regulated gene 3.1 protein homolog;
Entrez Gene ID	23237
mRNA Refseq	NM_015193.4
Protein Refseq	NP_056008.1

UniProt ID	Q7LC44
Chromosome Location	8q24.3
Pathway	Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem;