

ARC Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250481

Unit: 0.1 mg

Description:

ARC (Activity-regulated cytoskeleton-associated protein, Arg3.1) is a neuronal protein enriched in the dendritic postsynaptic density. ARC is required for consolidation of synaptic plasticity and formation of long-term memory. It regulates AMPA receptor homeostasis and endocytosis in response to synaptic activity, and plays a role in the regulation of addictive and anxiety-related behavior.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

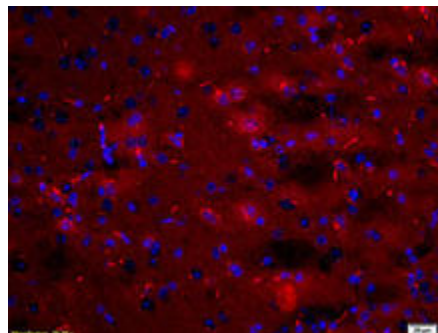
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.1 mg BSA, 50% glycerol with 0.09% sodium azide. Antibody was purified by Protein-A and immunogen affinity chromatography.

Alternate Names: ARC; Activity-regulated cytoskeleton-associated protein; Activity-regulated gene 3.1 protein homolog; Arg3.1; ARC/AFG3.1; KIAA0278

Accession No.: Q7LC44

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ARC.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



ARC staining in rat brain. Formalin-fixed paraffin-embedded rat brain tissue is stained with ARC Antibody (Cat. No. 250481) used at a 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.