

## ARG58200 anti-ARF4 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes ARF4
Tested Reactivity	Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ARF4
Species	Rat
Immunogen	Synthetic peptide corresponding to unique amino acid sequence on ARF4 protein.
Conjugation	Un-conjugated
Alternate Names	ARF2; ADP-ribosylation factor 4

### Application Instructions

Application table	Application	Dilution
	WB	1:500
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 21 kDa	

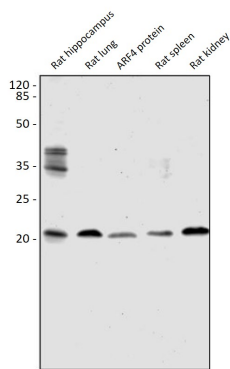
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	Tris, HCl/glycine buffer (pH 7.4-7.8), cryo-protective agents, Hepes, 0.02% Sodium azide, 30% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	30% Glycerol and 0.5% BSA
Concentration	0.75 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ARF4
Gene Full Name	ADP-ribosylation factor 4
Background	<p>This gene is a member of the human ARF gene family whose members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 5 ARF proteins and 11 ARF-like proteins and constitute one family of the RAS superfamily. The ARF proteins are categorized as class I, class II and class III; this gene is a class II member. The members of each class share a common gene organization. The ARF4 gene spans approximately 12kb and contains six exons and five introns. This gene is the most divergent member of the human ARFs. Conflicting map positions at 3p14 or 3p21 have been reported for this gene. [provided by RefSeq, Jul 2008]</p>
Function	<p>GTP-binding protein that functions as an allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase. Involved in protein trafficking; may modulate vesicle budding and uncoating within the Golgi apparatus. [UniProt]</p>
Calculated Mw	21 kDa

Images



ARG58200 anti-ARF4 antibody WB image

Western blot: Rat hippocampus, Rat lung, ARF4 protein (positive control), Rat spleen and Rat kidney lysates stained with ARG58200 anti-ARF4 antibody at 1:250 dilution.