

ARG58199 anti-ARF4 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ARF4
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat, Pig
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ARF4
Species	Human
Immunogen	Synthetic peptide from the internal region of Human ARF4 (NP_001651.1). (C-SEMTDKLGLQSLRN)
Conjugation	Un-conjugated
Alternate Names	ARF2; ADP-ribosylation factor 4

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 19 kDa	

Properties

Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 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 or below. 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.

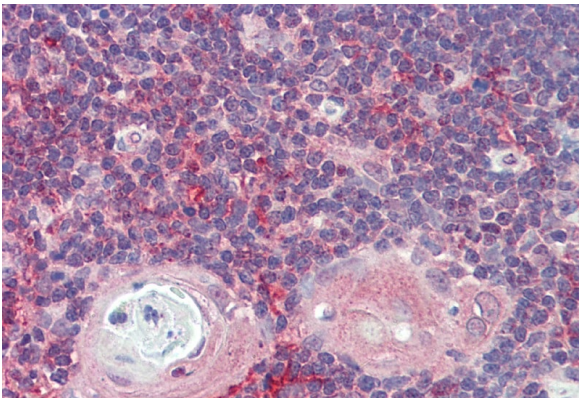
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

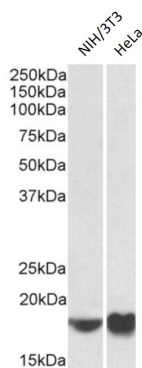
Gene Symbol	ARF4
Gene Full Name	ADP-ribosylation factor 4
Background	<p>This gene is a member of the human ARF gene family whose members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as 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



ARG58199 anti-ARF4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human thymus stained with ARG58199 anti-ARF4 antibody at 5 µg/ml dilution. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).



ARG58199 anti-ARF4 antibody WB image

Western blot: 35 µg of NIH/3T3 and HeLa cell lysates (in RIPA buffer) stained with ARG58199 anti-ARF4 antibody at 0.5 µg/ml dilution. Primary incubation was 1 hour. Detected by chemiluminescence.