

ARG63834 anti-ApoJ / Clusterin antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ApoJ / Clusterin
Tested Reactivity	Hu
Predict Reactivity	Dog
Tested Application	ICC/IF, IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_001822.2 and NP_976084.1)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ApoJ / Clusterin
Species	Human
Immunogen	C-EKALQEYRKKHREE
Conjugation	Un-conjugated
Alternate Names	Clusterin; Apolipoprotein J; SGP-2; SP-40; APOJ; ApoJbeta; CLU2; CLU1; NA1/NA2; TRPM2; CLI; SGP2; Apo-J; TRPM-2; ApoJalpha; Aging-associated gene 4 protein; APO-J; Complement cytolysis inhibitor a chain; Ku70-binding protein 1; Complement cytolysis inhibitor b chain; Testosterone-repressed prostate message 2; Complement-associated protein SP-40,40; KUB1; AAG4; Complement cytolysis inhibitor

Application Instructions

Application table	Application	Dilution
	ICC/IF	10 µg/ml
	IHC-P	2.5 µg/ml
	WB	0.03 - 0.1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human colon	
Observed Size	~ 37 kDa	

Properties

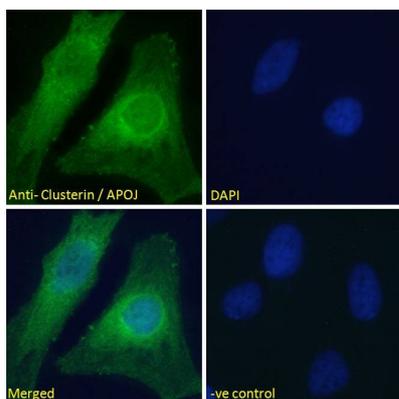
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.

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

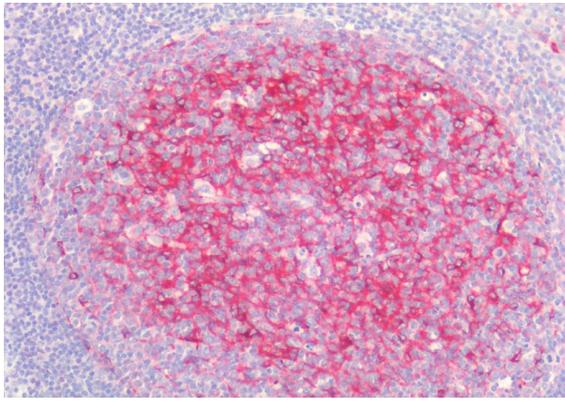
Database links	GeneID: 1191 Human Swiss-port # P10909 Human
Background	The protein encoded by this gene is a secreted chaperone that can under some stress conditions also be found in the cell cytosol. It has been suggested to be involved in several basic biological events such as cell death, tumor progression, and neurodegenerative disorders. Alternate splicing results in both coding and non-coding variants.[provided by RefSeq, May 2011]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Immune System antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	52 kDa
PTM	Isoform 1 is proteolytically cleaved on its way through the secretory system, probably within the Golgi lumen. Polyubiquitinated, leading to proteasomal degradation. Heavily N-glycosylated. About 30% of the protein mass is comprised of complex N-linked carbohydrate.

Images



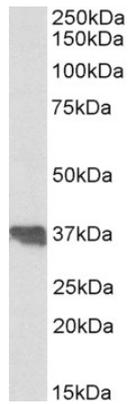
ARG63834 anti-ApoJ / Clusterin antibody ICC/IF image

Immunofluorescence: Paraformaldehyde-fixed HeLa cells permeabilized with 0.15% Triton. Cells were stained with ARG63834 anti-ApoJ / Clusterin antibody (green) at 10 µg/ml for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



ARG63834 anti-ApoJ / Clusterin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63834 anti-ApoJ / Clusterin antibody at 2.5 $\mu\text{g}/\text{ml}$ dilution followed by AP-staining.



ARG63834 anti-ApoJ / Clusterin antibody WB image

Western blot: 35 μg of Human colon lysate (in RIPA buffer) stained with ARG63834 anti-ApoJ / Clusterin antibody at 0.1 $\mu\text{g}/\text{ml}$ dilution and incubated at RT for 1 hour.