

anti-Human Apolipoprotein J Polyclonal Antibody | anti-CLU antibody

Anti-Apolipoprotein J Antibody

CATALOG # AAA46237	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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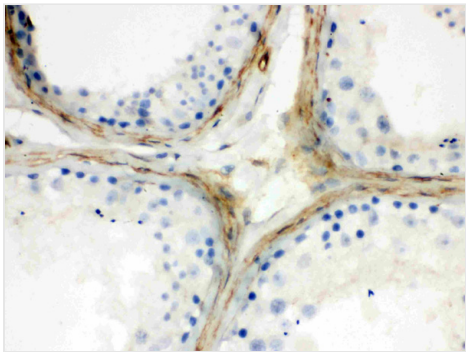
PRODUCT SYNONYMS

Apolipoprotein J; Polyclonal Antibody; Anti-Apolipoprotein J Antibody; Clusterin; 40; AAG 4; AAG4; Aging associated protein 4; Aging-associated gene 4 protein; AI893575; APO J; Apo-J; APOJ; ApoJalpha; ApoJbeta; ApolipoproteinJ; CLI; CLU; CLU1; CLU2; CLUS_HUMAN; Clusterin alpha chain; clusterin; Clusterin beta chain; Clusterin precursor; Complement associated protein SP 40 40; Complement associated protein SP 40; Complement associated protein SP40; Complement cytolysis inhibitor a chain; Complement cytolysis inhibitor; Complement cytolysis inhibitor b chain; Complement lysis inhibitor; Complement-associated protein SP-40; D14Ucla3; Dimeric acid glycoprotein; Glycoprotein 80; Glycoprotein III; GP80; Ku70-binding protein 1; KUB 1; KUB1; MGC24903; NA1/NA2; RATTRPM2B; SGP 2; SGP2; SP 40; SP40; Sufated glycoprotein 2; Sugg-2; Sulfated glycoprotein 2; Testosterone repressed prostate message 2; Testosterone-repressed prostate message 2; TRPM 2; TRPM-2; TRPM2; TRPM2B; Trpmb; anti-CLU antibody

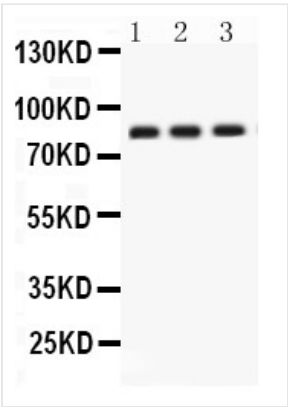
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	449
Applicable Applications for anti-CLU antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human Apolipoprotein J recombinant protein (Position: S228-E449). Human Apolipoprotein J shares 76.1 % and 75.2 % amino acid (aa) sequence identity with mouse and rat Apolipoprotein J, respectively.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti- Apolipoprotein J Picoband antibody, AAA46237, IHC(P)IHC(P): Human Testis Tissue



WB (Western Blot)
Anti- Apolipoprotein J Picoband antibody, AAA46237, Western blottingAll lanes: Anti Apolipoprotein J (AAA46237) at 0.5ug/mL Lane 1: SKOV Whole Cell Lysate at 40ug/Lane 2: U87 Whole Cell Lysate at 40ug/Lane 3: PANC Whole Cell Lysate at 40ug/Predicted bind size: 52KDObserved bind size: 82KD

ADDITIONAL INFORMATION

Related Product Information for anti-CLU antibody	Description: Rabbit IgG polyclonal antibody for Clusterin(CLU) detection. Tested with WB, IHC-P, ELISA in Human. Background: Clusterin (apolipoprotein J) is a 75 - 80 kDa disulfide-linked heterodimeric protein associated with the clearance of cellular debris and apoptosis. In humans, clusterin is encoded by the CLU gene. This protein has several synonyms: dimeric acidic glycoprotein (DAG protein), testosterone repressed prostate message-2 (TRPM-2), sulfated glycoprotein-2 (SGP-2) and complement lysis inhibitor (CLI). Clusterin was mapped to mouse chromosome 14. Clusterin is a ubiquitously expressed molecule thought to influence a variety of processes including cell death. In the brain, it accumulates in dying neurons following seizures and hypoxic-ischemic (H-I) injury. clusterin may be a new therapeutic target to modulate non-caspase-dependent neuronal death following acute brain injury.
References	1. "Entrez Gene: clusterin". 2. Birkenmeier, E. H., Letts, V. A., Frankel, W. N., Magenheimer, B. S., Calvet, J. P. Sulfated glycoprotein-2 (Sgp-2) maps to mouse chromosome 14. Mammalian Genome 4: 131-132, 1993. 3. Han, B. H., DeMattos, R. B., Dugan, L. L., Kim-Han, J. S., Brendza, R. P., Fryer, J. D., Kierson, M., Cirrito, J., Quick, K., Harmony, J. A. K., Aronow, B. J., Holtzman, D. M. Clusterin contributes to caspase-3-independent brain injury following neonatal hypoxia-ischemia. Nature Med. 7: 338-343, 2001. 4. Jones SE, Jomary C (May 2002). "Clusterin". Int. J. Biochem. Cell Biol. 34 (5): 427-431.

NCBI AND UNIPROT INFORMATION

NCBI GI #	355594753
NCBI GeneID	1191
NCBI Accession #	NP_001822.3
NCBI GenBank Nucleotide #	NM_001831.3
UniProt Accession #	P10909; P11380; P11381; Q2TU75; Q5HYC1; Q7Z5B9; B2R9Q1; B3KSE6; AAB25217
Molecular Weight	53,643 Da
NCBI Official Full Name	clusterin preproprotein
NCBI Official Synonym Full Names	clusterin
NCBI Official Symbol	CLU
NCBI Official Synonym Symbols	CLI; AAG4; APOJ; CLU1; CLU2; KUB1; SGP2; APO-J; SGP-2; SP-40; TRPM2; TRPM-2; NA1/NA2
NCBI Protein Information	clusterin

UniProt Protein Name	Clusterin
UniProt Gene Name	CLU
UniProt Synonym Gene Names	APOJ; CLI; KUB1; Apo-J; CLI; TRPM-2
UniProt Entry Name	CLUS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apolipoprotein-j-antibody-immunohistochemistry-western-blot-elisa/46237>