

Rabbit CLUSTERIN Polyclonal Antibody | anti-CLU antibody

RABBIT ANTI HUMAN CLUSTERIN

CATALOG # AAA49913	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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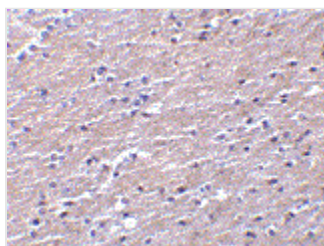
PRODUCT SYNONYMS

CLUSTERIN; Polyclonal Antibody; RABBIT ANTI HUMAN CLUSTERIN; anti-CLU antibody

PRODUCT SPECIFICATIONS

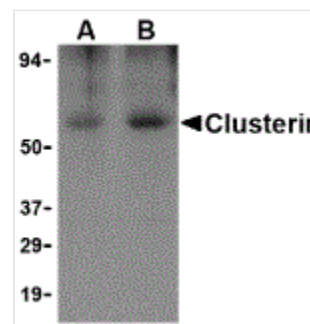
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	460
Applicable Applications for anti-CLU antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antisera to Clusterin were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Immunohistochemical staining of human brain with Rabbit anti Human clusterin (AAA49913)



Application Data

Western blot analysis of human brain lysate probed with Rabbit anti Human clusterin (AAA49913) at 0.5(A) and 1(B) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CLU antibody	Rabbit anti Human clusterin antibody recognizes human clusterin, also known as apolipoprotein J, Ku70-binding protein 1 or TRPM-2. Clusterin is a ubiquitous glycoprotein which exists in at least two distinct isoforms; a proapoptotic nuclear form, of 49kDa, and a prosurvival secretory form with a molecular weight of 75-80kDa. Clusterin is implicated in several diverse physiological processes including sperm maturation, cell differentiation, and apoptosis. Clusterin upregulation has been reported in various human malignancies, including bladder, prostate, and breast tumours. Following specific stress induced injury, secretory clusterin acts as a molecular chaperone, scavenging denatured proteins outside cells. It has been shown to be upregulated in Alzheimer's disease (Chen et al. 2012), retinitis pigmentosa (Jobes et al 1993), glomerulonephritis, atherosclerosis and myocardial infarction (Rosenberg et al. 2002).
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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; aging-associated protein 4; apolipoprotein J; complement cytolysis inhibitor; complement lysis inhibitor; complement-associated protein SP-40,40; ku70-binding protein 1; sulfated glycoprotein 2; testosterone-repressed prostate message 2
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/clusterin-antibody-western-blot-immunohistochemistry-elisa/49913>