Clusterin Antibody

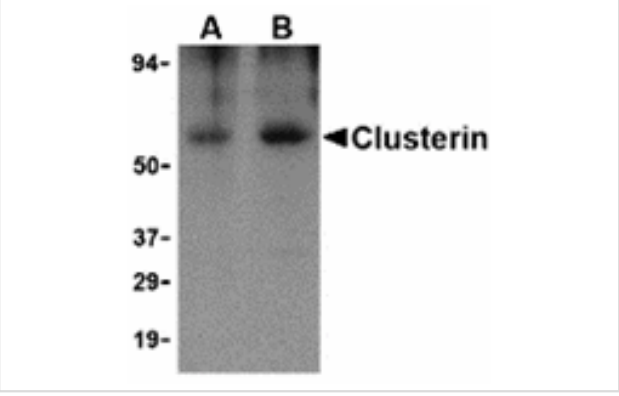
Catalog No: #24428

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

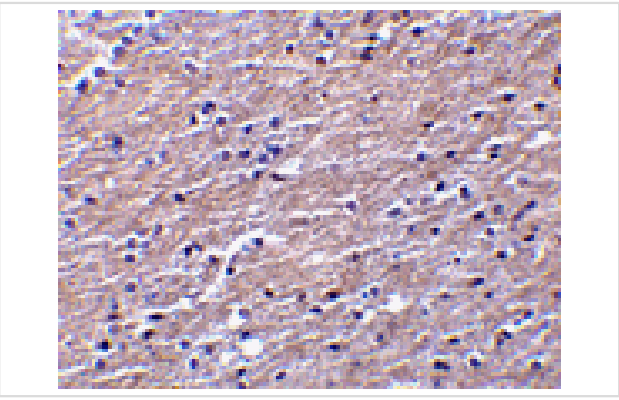
Description

Product Name	Clusterin Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Clusterin antibody was raised recombinant human Clusterin isoform 1.
Target Name	Clusterin
Other Names	Clusterin, Complement lysis inhibitor, CLI, Apolipoprotein J, ApoJ
Accession No.	Swiss-Prot:P10909Gene ID:1191
Uniprot	P10909
GeneID	1191;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

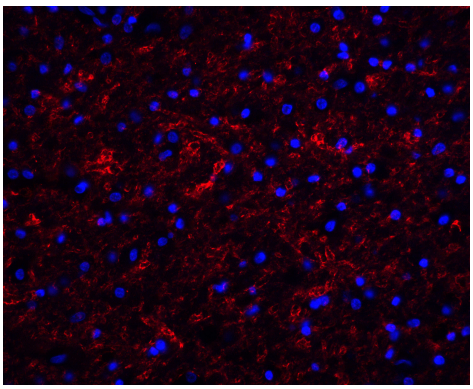
Images



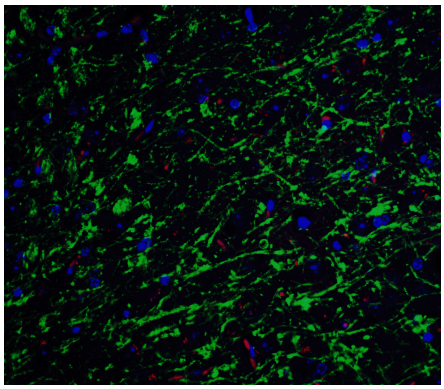
Western blot analysis of Clusterin in human brain tissue lysate with Clusterin body at (A) 0.5 and (B) 1 ug/mL.



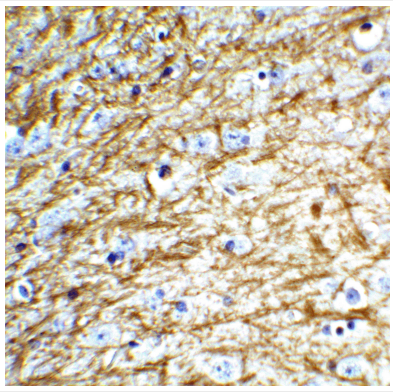
Immunohistochemistry of Clusterin in human brain tissue with Clusterin antibody at 10 ug/mL.



Immunofluorescence of Clusterin in human brain tissue with Clusterin antibody at 20 µg/ml.



Immunofluorescence of Clusterin in mouse brain tissue with Clusterin Antibodyat 20 µg/mL.



Immunohistochemistry of Clusterin in mouse brain tissue with Clusterin Antibodyat 5 µg/mL.

Background

Clusterin, also known as Apolipoprotein J (ApoJ), is a ubiquitous multifunctional glycoprotein that can interact with a broad spectrum of molecules such as complement components, various receptors, and the Alzheimerβ s b-amyloid peptide. Clusterin expression is increased in Alzheimerβ s disease brain tissue and clusterin-immunoreactive amyloid plaques are found associated with phospho-tau-positive dystrophic neurites and it has been suggested that clusterin facilitates the conversion of diffuse b-amyloid deposits into amyloid and enhances tau phosphorylation in neurites around these plaques. Other reports show that clusterin expression is decreased in proliferating cells and is upregulated in quiescent and senescent cells, suggesting that it may also play a role in aging and tumorigenesis suppression. Clusterin exists in at least two distinct isoforms.

Note: This product is for in vitro research use only