

Datasheet for ABIN6138757
anti-Clusterin antibody (AA 220-449)



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2 Images

Overview

Quantity:	100 µL
Target:	Clusterin (CLU)
Binding Specificity:	AA 220-449
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Clusterin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 220-449 of human Clusterin alpha chain (NP_976084.1).
Sequence:	FPKSRIVRSL MPFSPYEPLN FHAMFQPFLE MIHEAQQAMD IHFHSPAFAQH PPTEFIREGD DDRTVCREIR HNSTGCLRMK DQCDKCREIL SVDCSTNNPS QAKLRRELDE SLQVAERLTR KYNELLKSYQ WKMLNTSSL EQLNEQFNWV SRLANLTQGE DQYYLRVTTV ASHTSDSDVP SGVTEVVVKL FSDPITVTV PVEVSRKNPK FMETVAEKAL QEYRKKHREE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

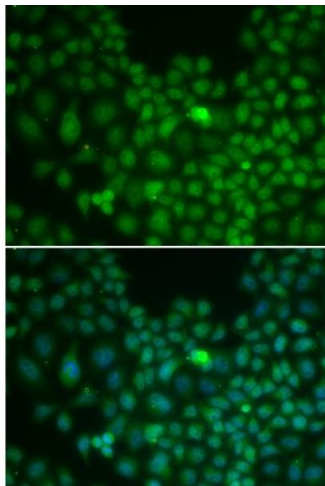
Target:	Clusterin (CLU)
Alternative Name:	CLU (CLU Products)
Background:	The protein encoded by this gene is a secreted chaperone that can under some stress conditions also be found in the cell cytosol. It has been suggested to be involved in several basic biological events such as cell death, tumor progression, and neurodegenerative disorders. Alternate splicing results in both coding and non-coding variants.,CLU,AAG4,APO-J,APOJ,CLI,CLU1,CLU2,KUB1,NA1/NA2,SGP-2,SGP2,SP-40,TRPM-2,TRPM2,clusterin,Cancer,Tumor biomarkers,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Endocrine & Metabolism,Lipid Metabolism,Immunology & Inflammation,Cell Intrinsic Innate Immunity Signaling Pathway,Cardiovascular,Lipids,Lipoproteins/Apolipoproteins,CLU
Molecular Weight:	32 kDa/48 kDa/52 kDa/53 kDa/57 kDa
Gene ID:	1191
UniProt:	P10909
Pathways:	Apoptosis , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

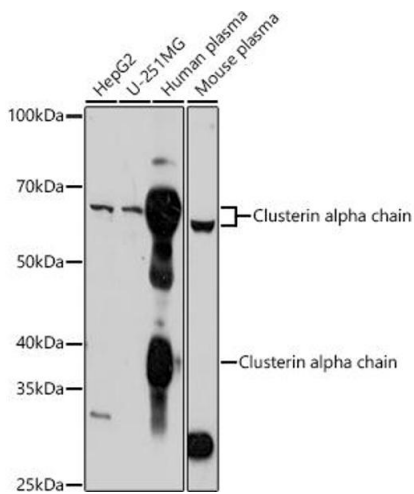
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using Clusterin alpha chain antibody (ABIN6133478, ABIN6138757, ABIN6138759 and ABIN6217494). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Clusterin alpha chain antibody (ABIN6133478, ABIN6138757, ABIN6138759 and ABIN6217494) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.