

Anti-Clusterin- β Rabbit pAb

WL0194

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

| | | |
|------------------------------|---|--------------|
| Product name | Anti-Clusterin- β Rabbit pAb | |
| Source | Rabbit | |
| Species reactivity | Human, Mouse, Rat | |
| Tested applications | WB | 1:500-1:1000 |
| | IHC | 1:200 |
| | IF | 1:200 |
| Cellular localization | Secreted. Mitochondrion membrane. Cytoplasm | |
| Pack size | 50/100/200/500/1000 μ l | |
| Storage | Store at -20°C. Avoid freeze/thaw cycles. | |
| Storage buffer | Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml | |
| | BSA, 50% glycerol and less than 0.02% sodium azide | |

General Information

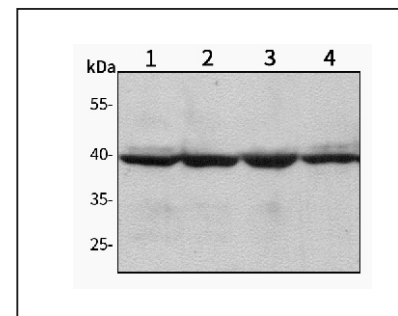
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|---------------------|---|
| Background | Clusterin, also known as Apolipoprotein J (ApoJ), is a ubiquitous multifunctional glycoprotein that can interact with a broad spectrum of molecules such as complement components, various receptors, and the Alzheimer's β -amyloid peptide. Clusterin is synthesized as a 449 amino acid polypeptide that is post-translationally cleaved at an internal bond between Arg 227 and Ser 228. Two subunits, α and β , are associated through disulfide bonds. The α subunit corresponds to residues 23-227. The β subunit corresponds to residues 228-449. Clusterin expression is increased in Alzheimer'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 β -amyloid deposits into amyloid and enhances tau phosphorylation in neurites around these plaques. Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Clusterin- β . |
| Immunogen | |
| Purification | Polyclonal antibody was purified by immunogen affinity chromatography. |

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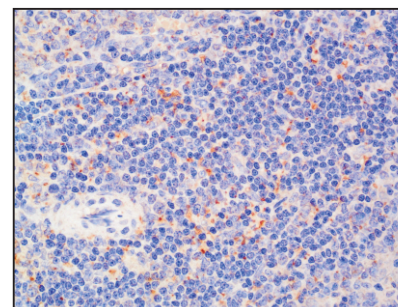
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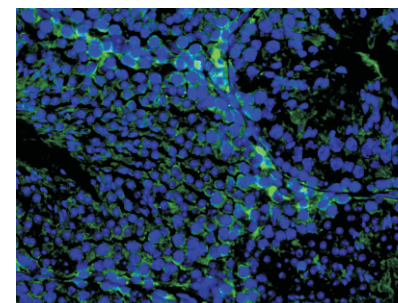
Product Images

Western blot-Anti-Clusterin- β pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human SW480 cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-Clusterin- β at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 52 kDa
 Observed band size: 37/68 kDa

Immunohistochemistry-Anti-Clusterin- β pAb

Immunohistochemical analysis of paraffin-embedded rat spleen using anti-Clusterin- β Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

Immunofluorescence-Anti-Clusterin- β pAb

Immunofluorescence analysis of paraffin-embedded mouse testicle using anti-Clusterin- β Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0