

Product Datasheet

Apolipoprotein A1 Antibody

Catalog No: CY5589

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP



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Information

UniProt ID: P02647

All Names: APOA1; MGC117399; Apo-AI; ApoA-I; APOAI; Apolipoprotein A1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 31 kDa

Application

WB: 1:5000~1:10000

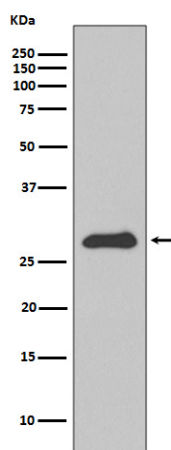
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

IP: 1:50

Background

ApoA1 (Apolipoprotein A1) is a major component of high density lipoprotein (HDL, the “good cholesterol”) in plasma. It is produced in the liver and small intestine. ApoA1 is a cofactor for lecithin cholesterolacyltransferase (LCAT) that is responsible for the formation of plasma cholesteryl esters and promotes cholesterol efflux from tissues to the liver for excretion. Defects in ApoA1 are associated with high density lipoprotein deficiency (HDL) and systemic non-neuropathic amyloidosis (1-3).



Western blot analysis of Apolipoprotein A1 expression in HepG2 cell lysate.

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