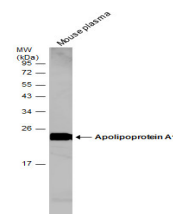


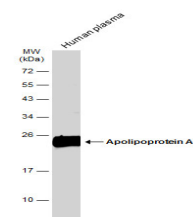
## Product Datasheet

### Apolipoprotein A1 antibody GRP51

<b>Description</b>	This gene encodes apolipoprotein A-I, which is the major protein component of high density lipoprotein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretion, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotein genes on chromosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis. [provided by RefSeq]
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ICC, IF, IHC-P, WB
<b>Immunogen</b>	Full length human Apolipoprotein A1 Recombinant protein.
<b>Form/Appearance</b>	Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
<b>Concentration</b>	0.64 mg/ml
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Note</b>	For research use only.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Purified by antigen-affinity chromatography.
<b>Uniprot ID</b>	<b>P02647</b>
<b>Entrez</b>	<b>335</b>
<b>Dilution Range</b>	WB: 1:500-1:20000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000



Mouse tissue extract (50 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with Apolipoprotein A1 antibody (GRP503) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Human plasma (30 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with Apolipoprotein A1 antibody (GRP503) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.