

Anti-LRP3 Antibody

Catalog # AP95930

Product Information

Application	WB, FC, IF/IC
Primary Accession	O75074
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	82884

Additional Information

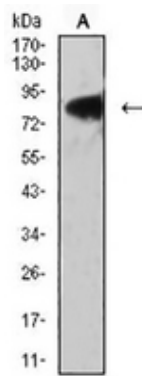
Gene ID	4037
Other Names	Low-density lipoprotein receptor-related protein 3; LRP-3; 105 kDa low-density lipoprotein receptor-related protein; hLRp105
Target/Specificity	Recombinant fusion protein of human LRP3 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200) IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

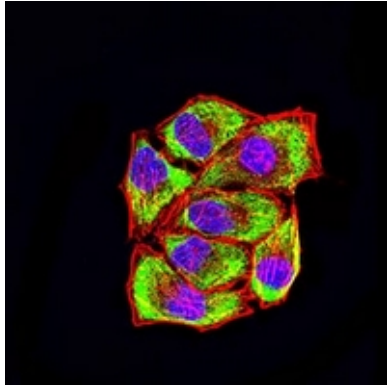
Name	LRP3
Function	Probable receptor, which may be involved in the internalization of lipophilic molecules and/or signal transduction. Its precise role is however unclear, since it does not bind to very low density lipoprotein (VLDL) or to LRPAP1 in vitro.
Cellular Location	Membrane; Single-pass type I membrane protein. Membrane, coated pit
Tissue Location	Widely expressed. Highly expressed in skeletal muscle and ovary. Expressed at intermediate level in heart, brain, liver, pancreas, prostate and small intestine. Weakly expressed in testis, colon and leukocyte.

Images

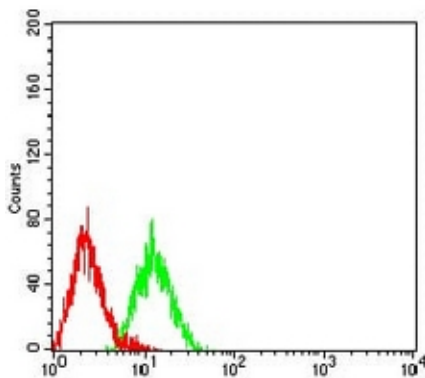
Western blot analysis of LRP3 expression in PANC1 (A)



whole cell lysates. (Predicted band size: 83 kD; Observed band size: 83 kD)



Immunofluorescent analysis of LRP3 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Flow cytometric analysis of HL60 cells using Anti-LRP3 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.