

LPA Antibody

Catalog No: #48474

Package Size: #48474-1 50ul #48474-2 100ul

Description

Product Name	LPA Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	B6-H1
Purification	Affinity purification
Applications	WB;IHC;IF
Species Reactivity	Hu
Immunogen Description	Purified recombinant fragment of ApoA
Conjugates	Unconjugated
Other Names	AK38 antibody Antiangiogenic AK38 protein antibody apo(a) antibody APOA antibody apolipoprotein(a) antibody LP antibody lp(a) antibody LPA antibody
Accession No.	Swiss-Prot#:P08519
Calculated MW	501 kDa
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C

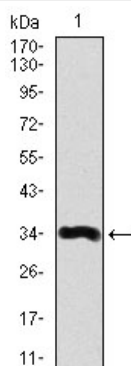
Application Details

WB 1:500 - 1:2000;

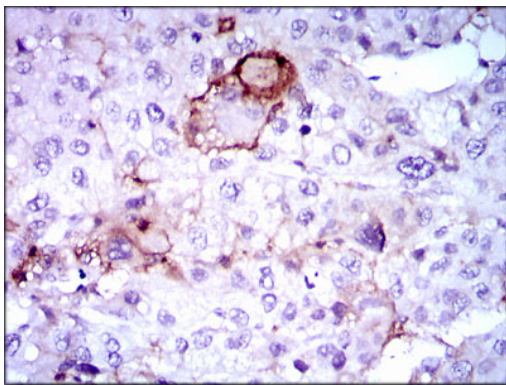
IHC 1:200 - 1:1000;

IF 1:50 - 1:200

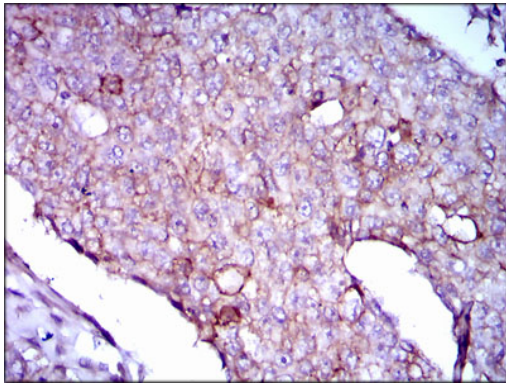
Images



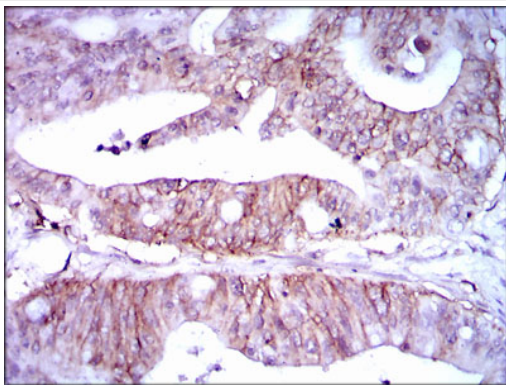
Western blot analysis of Lipoprotein a on human Lipoprotein a recombinant protein using anti-Lipoprotein a antibody at 1/1,000 dilution.



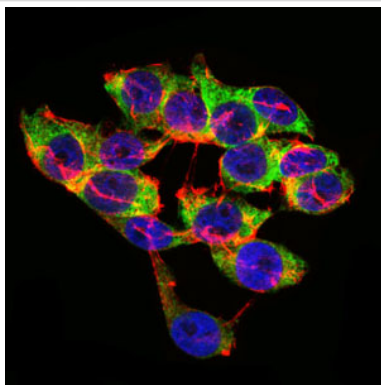
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti- Lipoprotein a antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti- Lipoprotein a antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissue using anti- Lipoprotein a antibody. Counter stained with hematoxylin.



ICC staining Lipoprotein a (green) and actin filaments (red) in HepG2 cell. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

The protein encoded by this gene is a serine proteinase that inhibits the activity of tissue-type plasminogen activator I. The encoded protein constitutes a substantial portion of lipoprotein(a) and is proteolytically cleaved, resulting in fragments that attach to atherosclerotic lesions and promote thrombogenesis. Elevated plasma levels of this protein are linked to atherosclerosis. Depending on the individual, the encoded protein contains 2-43 copies of kringle-type domains. The allele represented here contains 15 copies of the kringle-type repeats and corresponds to that found in the reference genome sequence.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.