

## LPA Antibody

Catalog No: #48474

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

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

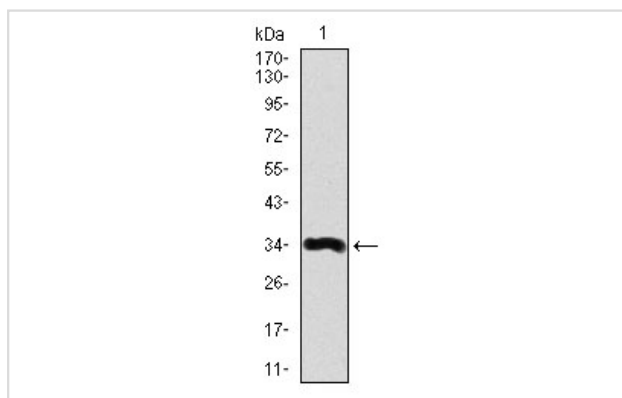
## Description

Product Name	LPA Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	B6-H1
Purification	ProA affinity purified
Applications	WB,ICC,IHC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
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
Uniprot	P08519
Calculated MW	501 kDa
Formulation	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

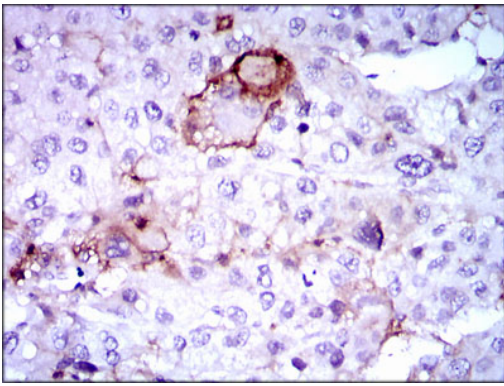
## Application Details

WB: 1:500-1:1,000IHC: 1:50-1:200ICC: 1:50-1:200

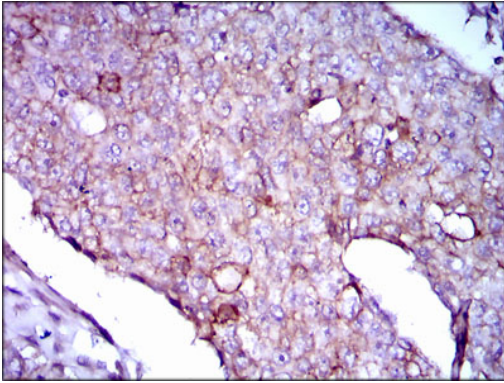
## Images



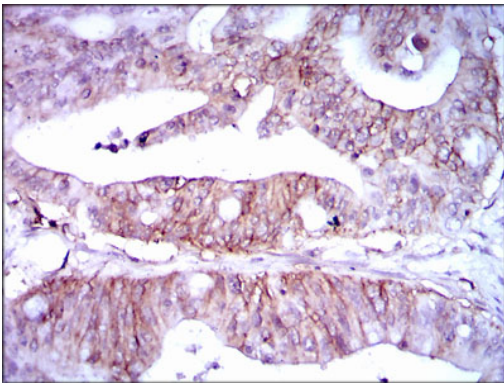
Western blot analysis of Lipoprotein a on human Lipoprotein a recombinant protein using anti- Lipoprotein a antibody at 1/1,000 dilution.



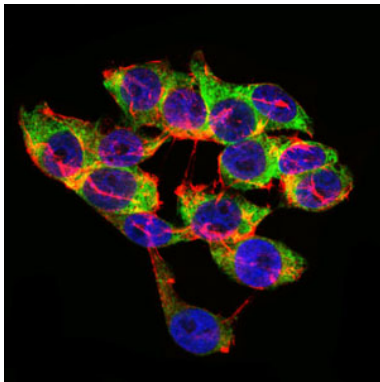
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti- Lipoprotein a antibody. Counter stained with hematoxylin.



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.

## References

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Note: This product is for in vitro research use only