

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:200-1:500, IF:1:50-1:200

Protein Background:

Binds to oleoyl-L-alpha-lysophosphatidic acid, (LPA). Intracellular cAMP is involved in the receptor activation. Important for the maintenance of hair growth and texture.

Gene ID:

LPAR6

Uniprot

P43657

Synonyms:

Lysophosphatidic acid, receptor 6 (LPA receptor 6) (LPA-6) (Oleoyl-L-alpha-lysophosphatidic acid, receptor) (P2Y purinoceptor 5) (P2Y5) (Purinergic receptor 5) (RB intron encoded G-protein coupled receptor), LPAR6, P2RY5

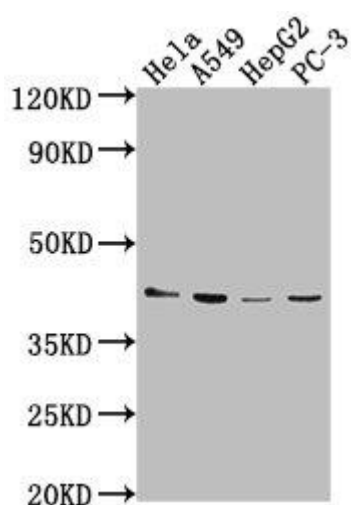
Immunogen:

Peptide sequence from Human Lysophosphatidic acid, receptor 6 protein (292-313AA).

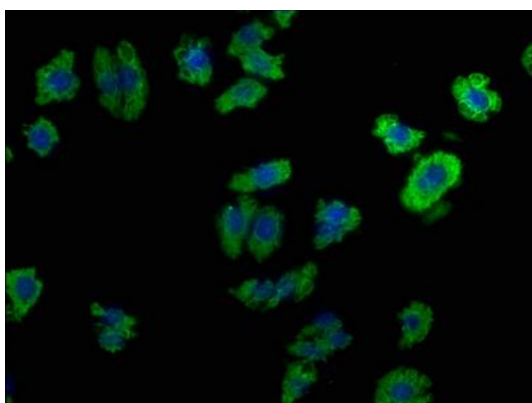
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

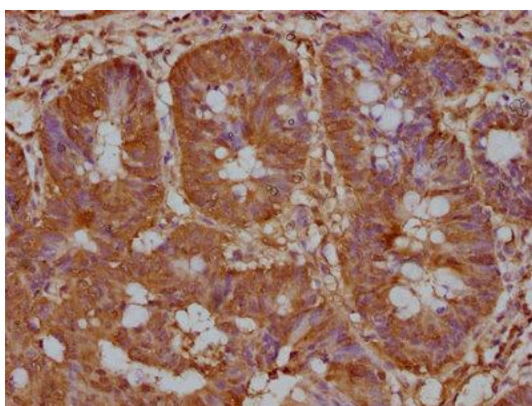
Product Images



Western Blot. Positive WB detected in: HeLa whole cell lysate, A549 whole cell lysate, HepG2 whole cell lysate, PC-3 whole cell lysate. All lanes: LPAR6 antibody at 1:2000. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 40 kDa. Observed band size: 40 kDa.



Immunofluorescence staining of HepG2 cells with PACO63687 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC image of PACO63687 diluted at 1:200 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.