

UK Office

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB07454 - Goat Anti-Lipin 1 (Internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: LPIN1, lipin 1, DKFZp781P1796, KIAA0188 Official Symbol: LPIN1 Accession Number(s): NP_663731.1; NP_001248356.1; NP_001248357.1; NP_001336129.1; NP_001336131.1; NP_001336133.1; NP_001336136.1; NP_001336137.1 Human GenelD(s): 23175 Non-Human GenelD(s): 14245 (mouse)

Immunogen

Peptide with sequence C-NKTDSPSRKRDK, from the internal region of the protein sequence according to NP_663731.1; NP_001248356.1; NP_001248357.1; NP_001336129.1; NP_001336131.1; NP_001336133.1; NP_001336136.1; NP_001336137.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

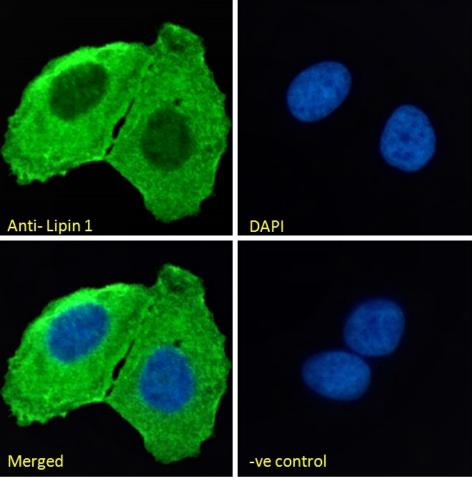
Peptide ELISA: antibody detection limit dilution 1:32000.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm and plasma membranes of U2OS cells. Recommended concentration: 10µg/ml.

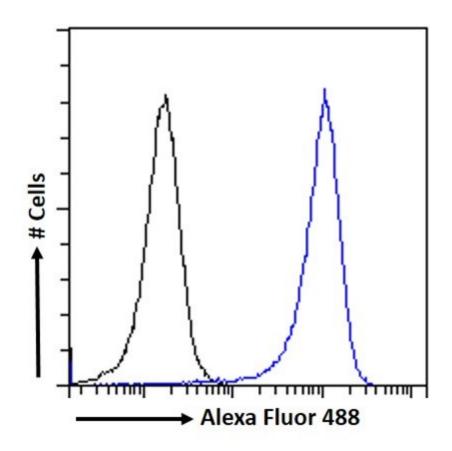
Flow Cytometry: Flow cytometric analysis of U2OS cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse, Dog



EB07454 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07454 Flow cytometric analysis of paraformaldehyde fixed U2OS cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.