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**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 GeneID(s): [23175](#)

Non-Human GeneID(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.