

### **UK Office**

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# EB07640 - Goat Anti-PNPLA2 / ATGL Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** PNPLA2, ATGL, patatin-like phospholipase domain containing 2, 1110001C14Rik, DKFZp667M109, FP17548, TTS-2.2, adipose triglyceride lipase,

desnutrin, transport-secretion protein 2.2, triglyceride hydrolase

Official Symbol: PNPLA2

Accession Number(s): NP\_065109.1

Human GenelD(s): 57104

### **Immunogen**

Peptide with sequence C-PARPHGPEDKDQ, from the internal region of the protein sequence according to NP\_065109.1.

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**

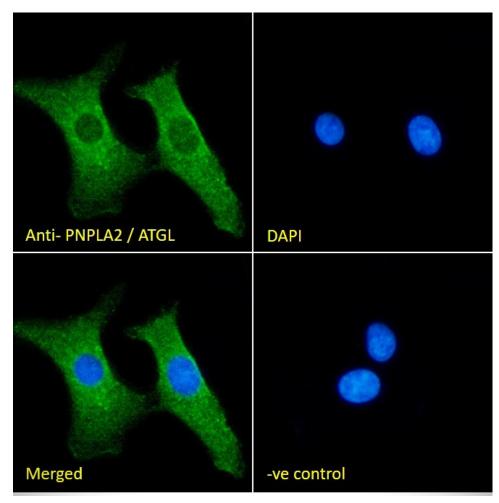
Peptide ELISA: antibody detection limit dilution 1:8000.

**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm and lipid droplets of HEK293 cells. Recommended concentration: 10µg/ml.

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB07640 Immunofluorescence analysis of paraformaldehyde fixed HEK293 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing lipid droplet and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).