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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07731 - Goat Anti-S3-12 / KIAA1881 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KIAA1881, S3-12, plasma membrane associated protein, S3-12, hCG1646516

Official Symbol: KIAA1881

Accession Number(s): NP_001073869.1

Human GeneID(s): [729359](#)

Immunogen

Peptide with sequence C-RTTDNGGEQTALSPQE, from the internal region of the protein sequence according to NP_001073869.1.

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 1:2000.

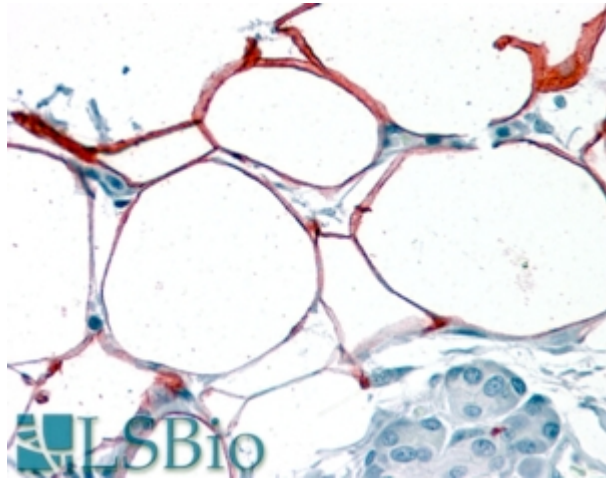
Western blot: Preliminary experiments gave bands at approx 45kDa and 50kDa in Human Adipose lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 134kDa according to NP_001073869.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).

IHC: In paraffin embedded Human Pancreas shows membranous and cytoplasm staining in adipocytes. Recommended concentration, 3-6µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB07731 (3.8µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.