



Goat anti-S3-12 / KIAA1881 Antibody

Item Number	dAP-1062
Target Molecule	Principle Name: S3-12 / KIAA1881; Official Symbol: KIAA1881; All Names and Symbols: KIAA1881; S3-12; plasma membrane associated protein, S3-12; hCG1646516; Accession Number (s): NP_001073869.1; Human Gene ID(s): 729359; Non-Human GeneID(s):
Immunogen	RTTDNGGEQTALSPQE, is from internal region
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	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
IHC	Immunohistochemistry: In paraffin embedded Human Pancreas shows membranous and cytoplasm staining in adipocytes. Recommended concentration, 3-6µg/ml.
Reference	Reference(s): Wolins NE, Brasaemle DL, Bickel PE. A proposed model of fat packaging by exchangeable lipid droplet proteins. FEBS Lett. 2006 Oct 9;580(23):5484-91. Epub 2006 Sep 1. Review. .PMID: 16962104 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**