

Goat anti-ORP2 Antibody

Item Number dAP-0269

Target Molecule Principle Name: ORP2; Official Symbol: OSBPL2; All Names and Symbols: OSBPL2; ORP2; ORP-2; MGC4307; MGC8342; FLJ20223; KIAA0772; oxysterol binding protein-like 2; OSBP-related protein 2; oxysterol-binding protein-related protein 2; oxysterol-binding protein-like protein 2; Accession Number (s): NP_055650.1; NP_653081.1; Human Gene ID(s): 9885; Non-Human GeneID(s): 228983 (mouse)

Immunogen YFERNFSDCPDIY, is from C Terminus
This antibody is expected to recognise both reported isoforms (represented by NP_055650.1 and NP_653081.1)

Applications Pep ELISA, WB

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 8000.

Western Blot Western Blot: Approx 55-60kDa band observed in Human Heart lysates (predicted MWs of 54 and 55kDa according to NP_055650.1 and NP_653081.1). Recommended for use at 1-2µg/ml.

IHC

Reference Reference(s): Lehto M, Laitinen S, Chinetti G, Johansson M, Ehnholm C, Staels B, Ikonen E, Olkkonen VM. The OSBP-related protein family in humans. *J Lipid Res.* 2001 Aug;42(8):1203-13.. PMID: 11483621 ->

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**