

Goat anti-ORP1 Antibody

Item Number	dAP-0316
Target Molecule	Principle Name: ORP1; Official Symbol: OSBPL1A; All Names and Symbols: OSBPL1A; ORP1; OSBPL1B; FLJ10217; oxysterol binding protein-like 1A; OSBP-related protein 1; oxysterol-binding protein-like 1B; oxysterol-binding protein-related protein 1; ORP-1; oxysterol-binding protein-like 1A;; Accession Number (s): NP_060500.3; NP_542164.2; Human Gene ID(s): 114876; Non-Human GeneID(s): 64291 (mouse) 259221 (rat)
Immunogen	YWDRNYFNLDPDIY, is from C Terminus This antibody is expected to recognise both reported human isoforms of this protein.
Applications	Pep ELISA, WB, 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 16000.
Western Blot	Western Blot: Approx 48kDa band observed in Human Muscle lysate (predicted MW of 50kDa according to NP_060500). Recommended for use at 0.5-2µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cerebellum) and Human Skeletal Muscle. Recommended concentration: 5µg/ml.
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**