

Goat anti-ORL1 / LOX1 / LOXIN Antibody

Item Number	dAP-3268
Target Molecule	Principle Name: ORL1 / LOX1 / LOXIN; Official Symbol: OLR1; All Names and Symbols: OLR1; oxidized low density lipoprotein (lectin-like) receptor 1; CLEC8A; LOX1; LOXIN; SCARE1; SLOX1; C-type lectin domain family 8 member A; OTTHUMP00000238950; OTTHUMP00000238954; OTTHUMP00000238955; OTTHUMP00000238958; hLOX-1; lectin-type oxidized LDL r; Accession Number (s): NP_002534.1; NP_001166103.1; NP_001166104.1; Human Gene ID(s): 4973; Non-Human GeneID(s):
Immunogen	DLKIQTVKDPDEK, is from N Terminus This antibody is expected to recognize all reported isoforms (NP_002534.1; NP_001166103.1; NP_001166104.1).
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 128000.
Western Blot	Western Blot: Approx 40kDa band observed in Human Liver lysates (calculated MW of 30.9kDa according to NP_002534.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Yoshida et al, Biochem J. 1998 Aug
IHC	
Reference	Reference(s): Shi Y, Cosentino F, Camici GG, Akhmedov A, Vanhoutte PM, Tanner FC, Lüscher TF. Oxidized low-density lipoprotein activates p66Shc via lectin-like oxidized low-density lipoprotein receptor-1, protein kinase C-beta, and c-Jun N-terminal kinase kinase in human endothelial cells. Arterioscler Thromb

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**