

## Product datasheet for **TA356496**

### LOX 1 (OLR1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human OLR1
Specificity:	<b>Expected reactivity:</b> Human <b>Homology:</b> Human: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	20kDa
Gene Name:	oxidized low density lipoprotein receptor 1
Database Link:	<a href="#">NP_001166103</a> <a href="#">Entrez Gene 4973 Human P78380</a>
Background:	OLR1 is a receptor protein which belongs to the C-type lectin superfamily. OLR1 binds, internalizes and degrades oxidized low-density lipoprotein. This protein may be involved in the regulation of Fas-induced apoptosis. This protein may play a role as a scavenger receptor. Mutations of its gene have been associated with atherosclerosis, risk of myocardial infarction, and may modify the risk of Alzheimer's disease.



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**Synonyms:** CLEC8A; hLOX-1; LOX-1; LOX1; SCARE1

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:** PPAR signaling pathway

**Product images:**



WB Suggested Anti-OLR1 Antibody Titration:  
2.5ug/ml  
Positive Control: Jurkat cell lysate