

## OLR1

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**Reactivity:**Human Mouse

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**31kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human OLR1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

LOX1; LOXIN; SLOX1; CLEC8A; SCARE1;

**Catalog #:**A1639

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4973

**Isotype:**IgG

**Swiss Prot:**P78380

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a low density lipoprotein receptor that belongs to the C-type lectin superfamily.

This gene is regulated through the cyclic AMP signaling pathway. The encoded protein 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 this gene have been associated with atherosclerosis, risk of myocardial infarction, and may modify the risk of Alzheimer's disease. Alternate splicing results in multiple transcript variants.

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