

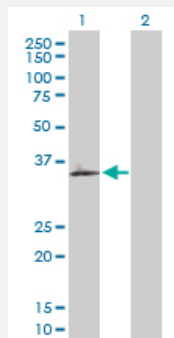
MaxPab®

OLR1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004973-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of OLR1 expression in transfected 293T cell line ([H00004973-T02](#)) by OLR1 MaxPab polyclonal antibody.

Lane 1: OLR1 transfected lysate(31.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human OLR1 protein.
Immunogen	OLR1 (NP_002534.1, 1 a.a. ~ 273 a.a) full-length human protein.
Sequence	MTFDDLKIQTVDQPDKSNKGKAKGLQFLYSPWWCLAAATLGVLCGLVVTIMVLGMQLSQVS DLLTQEQANLTHQKKLEGQISARQAAEEASQSENELKEMIETLARKLNEKSKEQMELHHQNLN LQETLKRVANCSAPCPQDWMHGENCYLFSSGSFNWEKSQEKCLSLDAKLLKINSTADLDFIQQ AISYSSFPFWMGLSRRNPSYPWLWEDGSPMLPHLFRVRGAVSQTYPSTGTCAYIQRGAVYAENCIL AAFSICQKKANLRAQ
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (44); Rat (50)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — OLR1

Entrez GeneID [4973](#)

GeneBank Accession# [NM_002543.2](#)

Protein Accession# [NP_002534.1](#)

Gene Name OLR1

Gene Alias CLEC8A, LOX1, SCARE1

Gene Description oxidized low density lipoprotein (lectin-like) receptor 1

Omim ID [602601](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a receptor protein which 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. Alternative transcript variants have been described but their full-length sequence has not been determined. [provided by RefSeq]

Other Designations lectin-type oxidized LDL receptor 1|oxidised low density lipoprotein (lectin-like) receptor 1|scavenger receptor class E, member 1

Pathway

- [PPAR signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Stenosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Stroke](#)

- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Werner syndrome](#)