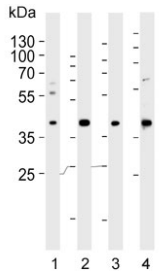
LOX-1 Antibody / OLR1 (F54311)

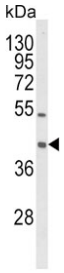
Catalog No.	Formulation	Size
F54311-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54311-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

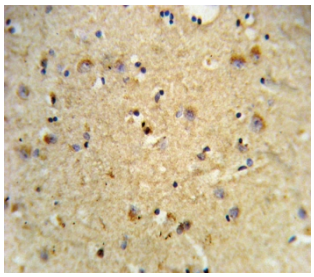
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P78380
Applications	Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:25
Limitations	This LOX-1 antibody is available for research use only.



Western blot testing of human 1) A549, 2) HUVEC, 3) liver and 4) placenta lysate with LOX-1 antibody. Predicted molecular weight: pro-form 35-50 kDa, mature form ~31 kDa.



Western blot testing of human HL60 lysate with LOX-1 antibody. Predicted molecular weight: pro-form 35-50 kDa, mature form ~31 kDa.



IHC testing of FFPE human brain tissue with LOX-1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

OLR1 is a low density lipoprotein receptor that belongs to the C-type lectin superfamily. This 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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the LOX-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 64-92 from the human protein was used as the immunogen for the LOX-1 antibody.

Storage

Aliquot the LOX-1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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