

LOX 1 Polyclonal Antibody

Catalog: BS65855

Host: Rabbit

Reactivity: Human, Mouse, Rat, Cow, Rabbit,

BackGround:

Receptor that mediates the recognition, internalization and degradation of oxidatively modified low density lipoprotein (oxLDL) by vascular endothelial cells. OxLDL is a marker of atherosclerosis that induces vascular endothelial cell activation and dysfunction, resulting in pro-inflammatory responses, pro-oxidative conditions and apoptosis. Its association with oxLDL induces the activation of NF-kappa-B through an increased production of intracellular reactive oxygen and a variety of pro-atherogenic cellular responses including a reduction of nitric oxide (NO) release, monocyte adhesion and apoptosis. In addition to binding oxLDL, it acts as a receptor for the HSP70 protein involved in antigen cross-presentation to naive T-cells in dendritic cells, thereby participating in cell-mediated antigen cross-presentation. Also involved in inflammatory process, by acting as a leukocyte-adhesion molecule at the vascular interface in endotoxin-induced inflammation. Also acts as a receptor for advanced glycation end (AGE) products, activated platelets, monocytes, apoptotic cells and both Gram-negative and Gram-positive bacteria.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~50 kDa

Swiss-Prot:

Q9XTA8

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

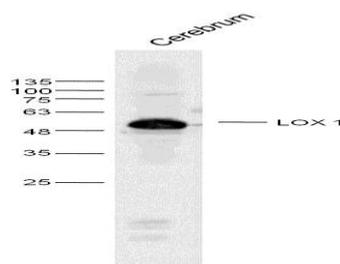
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -28 °C long term. Avoid freeze-thaw cycles.

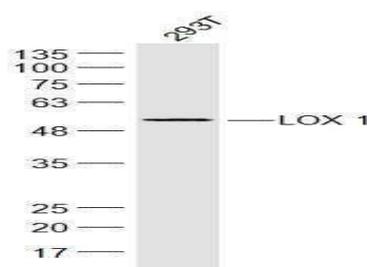
Specificity:

LOX 1 Polyclonal Antibody detects endogenous levels of LOX 1 protein.

DATA:



Primary: Anti- LOX1 at 1/300 dilution



Primary: Anti-LOX 1 at 1/300 dilution

Note:

For research use only, not for use in diagnostic procedure.

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