

**C2orf43 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11627b****Specification**

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**C2orf43 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q9H6V9](#)**C2orf43 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 60526**Other Names**

UPF0554 protein C2orf43, C2orf43

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**C2orf43 Antibody (C-term) Blocking peptide - Protein Information****Name** LDAH {ECO:0000303|PubMed:24357060, ECO:0000312|HGNC:HGNC:26145}**Function**

Probable serine lipid hydrolase associated with lipid droplets. Appears to lack cholesterol esterase activity. Appears to lack triglyceride lipase activity. Highly expressed in macrophage-rich areas in atherosclerotic lesions, suggesting that it could promote cholesterol ester turnover in macrophages.

**Cellular Location**

Lipid droplet. Endoplasmic reticulum {ECO:0000250|UniProtKB:Q8BVA5}. Note=Localizes to the endoplasmic reticulum in absence of lipid droplets and translocates to lipid droplets upon lipid storage induction {ECO:0000250|UniProtKB:Q8BVA5}

**Tissue Location**

Present in macrophage-rich areas in atherosclerotic lesionsv(at protein level).

**C2orf43 Antibody (C-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**C2orf43 Antibody (C-term) Blocking peptide - Images****C2orf43 Antibody (C-term) Blocking peptide - Background**

The specific function of the protein remains unknown.

**C2orf43 Antibody (C-term) Blocking peptide - References**

Takata, R., et al. Nat. Genet. 42(9):751-754(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Barber, M.J., et al. PLoS ONE 5 (3), E9763 (2010) :Aulchenko, Y.S., et al. Nat. Genet. 41(1):47-55(2009) Kathiresan, S., et al. Nat. Genet. 41(1):56-65(2009)