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OGDHL Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10239b

Specification

OGDHL Antibody (C-term) Blocking peptide - Product Information

Primary Accession	Q9ULD0
Other Accession	NP_060715.2

OGDHL Antibody (C-term) Blocking peptide - Additional Information

Gene ID 55753

Other Names
2-oxoglutarate dehydrogenase-like, mitochondrial, 124-, 2-oxoglutarate dehydrogenase complex component E1-like, OGDC-E1-like, Alpha-ketoglutarate dehydrogenase-like, OGDHL, KIAA1290

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.

OGDHL Antibody (C-term) Blocking peptide - Protein Information

Name OGDHL (HGNC:25590)

Synonyms KIAA1290

Function
2-oxoglutarate dehydrogenase (E1-like) component of the 2- oxoglutarate dehydrogenase multienzyme complex (OGDHC) which mediates the decarboxylation of alpha-ketoglutarate in the tricarboxylic acid cycle. The OGDHC complex catalyzes the overall conversion of 2- oxoglutarate to succinyl-CoA and CO(2) while reducing NAD(+) to NADH (By similarity). The OGDHC complex is mainly active in the mitochondrion (By similarity). Involved in the inhibition of cell proliferation and in apoptosis (PubMed:23152800, PubMed:31175094).

Cellular Location
Mitochondrion matrix

Tissue Location
Expressed in the brain and the liver.

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OGDHL Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

OGDHL Antibody (C-term) Blocking peptide - Images

OGDHL Antibody (C-term) Blocking peptide - References

Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010)Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010)Yoshida, T., et al. Int. J. Mol. Med. 24(4):539-547(2009)Bunik, V.I., et al. Proteins 71(2):874-890(2008)Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)