



OGDHL mouse mAb

Catalog No	YP-mAb-17283
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	OGDHL KIAA1290
Immunogen	Synthesized peptide derived from human C-terminal OGDHL
Specificity	This antibody detects endogenous levels of OGDHL at Human
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	mouse, Monoclonal
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIAA1290; OGDC E1 like; OGDHL; OGDHL KIAA1290; 2-oxoglutarate dehydrogenase-like; mitochondrial (EC 1.2.4.-) (2-oxoglutarate dehydrogenase complex component E1-like) (OGDC-E1-like) (Alpha-ketoglutarate dehydrogenase-like); mitochondrial (EC 1.2.4.-) (2-oxoglutarate dehydrogenase complex component E1-like) (OGDC-E1-like) (Alpha-ketoglutarate dehydrogenase-like)
Calculated Molecular Weight	1010 aa, 115 kDa
Cell Pathway	Mitochondrion matrix .
Tissue Specificity	Expressed in the brain and the liver.
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 .
Background	

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images