antibodies

Datasheet for ABIN1474258 PDHA1 Protein (AA 30-390) (His tag)



Overview	
Quantity:	1 mg
Target:	PDHA1
Protein Characteristics:	AA 30-390
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDHA1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	F ANDATFEIKK CDLHRLEEGP PVTTVLTRED GLKYYRMMQT VRRMELKADQ LYKQKIIRGF CHLCDGQEAC CVGLEAGINP TDHLITAYRA HGFTFNRGHA VRAILAELTG RRGGCAKGKG GSMHMYAKNF YGGNGIVGAQ VPLGAGIALA CKYNGKDEVC LTLYGDGAAN QGQIFEAYNM AALWKLPCIF ICENNRYGMG TSVERAAAST DYYKRGDFIP GLRVDGMDIL CVREATKFAA AYCRSGKGPI LMELQTYRYH GHSMSDPGVS YRTREEIQEV RSKSDPIMLL KDRMVNSNLA SVEELKEIDV EVRKEIEDAA QFATADPEPP LEELGYHIYS SDPPFEVRGA NQWIKFKSVS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

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Target Details

Target:	PDHA1
Alternative Name:	Pyruvate Dehydrogenase E1 Component Subunit Alpha, Somatic Form, Mitochondrial (Pdha1) (PDHA1 Products)
Background:	Recommended name: Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial. EC= 1.2.4.1. Alternative name(s): PDHE1-A type I
UniProt:	P26284
Pathways:	Warburg Effect

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system
	for secretion and intracellular expression. A protein expressed by the mammalian cell system is
	of very high-quality and close to the natural protein. But the low expression level, the high cost
	of medium and the culture conditions restrict the promotion of mammalian cell expression
	systems. The yeast protein expression system serve as a eukaryotic system integrate the
	advantages of the mammalian cell expression system. A protein expressed by yeast system
	could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the
	native protein conformation. It can be used to produce protein material with high added value
	that is very close to the natural protein. Our proteins produced by yeast expression system has
	been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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