Pyruvate Dehydrogenase E1-alpha subunit Rabbit pAb

db2984 **Package : 20μL 50μL 100μL**

Product Name : Pyruvate Dehydrogenase E1-alpha subunit Rabbit pAb
Cat.No.: db2984
Synonyms : PDHA; PDHAD; PHE1A; PDHCE1A
Application : WB, IHC, ICC/IF, FC, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multienzyme complex that catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2), and provides the primary link between glycolysis and the tricarboxylic acid (TCA) cycle. The PDH complex is composed of multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3). The E1 enzyme is a heterotetramer of two alpha and two beta subunits. This gene encodes the E1 alpha 1 subunit containing the E1 active site, and plays a key role in the function of the PDH complex. Mutations in this gene are associated with pyruvate dehydrogenase E1-alpha deficiency and X-linked Leigh syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2010]
Immunogen	A synthetic peptide of human Pyruvate Dehydrogenase E1-alpha subunit
Gene ID	5160
Swiss Prot	P08559
Synonyms	PDHA; PDHAD; PHE1A; PDHCE1A
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000-1:2000 IHC: 1:20-1:100 ICC/IF: 1:20-1:100 FC: 1:20 IP: 1:20-1:50
Calculated MW	43 kDa
Observed MW	43 kDa
Host species	Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.