DNAxPAb | Hard-to-Find Antibody

ALDOC DNAxPab

Catalog # H00000230-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ALDOC DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPHSYPALSAEQKKELSDIALRIVAPGKGILAADESVGSMAKRLSQIGVENTEENRRLYRQVLFSA DDRVKKCIGGVIFFHETLYQKDDNGVPFVRTIQDKGIVVGIKVDKGVVPLAGTDGETTTQGLDGLS ERCAQYKKDGADFAKWRCVLKISERTPSALAILENANVLARYASICQQNGIVPIVEPEILPDGDHDL KRCQYVTEKVLAAVYKALSDHHVYLEGTLLKPNMVTPGHACPIKYTPEEIAMATVTALRRTVPPAV PGVTFLSGGQSEEEASFNLNAINRCPLPRPWALTFSYGRALQASALNAWRGQRDNAGAATEEFI KRAEVNGLAAQGKYEGSGEDGGAAAQSLYIANHAY
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (97)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ALDOC

Entrez GeneID	230
GeneBank Accession#	NM_005165.2
Protein Accession#	NP_005156.1
Gene Name	ALDOC
Gene Alias	ALDC
Gene Description	aldolase C, fructose-bisphosphate
Omim ID	103870
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the class I fructose-biphosphate aldolase gene family. Expressed specifically in the hippocampus and Purkinje cells of the brain, the encoded protein is a glycolytic enzyme that catalyzes the reversible aldol cleavage of fructose-1,6-biphosphate and fructose 1-phosphate to dihydroxyacetone phosphate and either glyceraldehyde-3-phosphate or glyceraldehyde, respectively. [provided by RefSeq
Other Designations	OTTHUMP00000163437|aldolase 3|brain-type aldolase|fructoaldolase C|fructose-1,6-biphosphate triosephosphate lyase|fructose-bisphosphate aldolase C

Pathway

- Biosynthesis of alkaloids derived from histidine and purine
- Biosynthesis of alkaloids derived from ornithine
- Biosynthesis of alkaloids derived from shikimate pathway
- Biosynthesis of alkaloids derived from terpenoid and polyketide
- Biosynthesis of phenylpropanoids
- Biosynthesis of plant hormones
- Biosynthesis of terpenoids and steroids

- Carbon fixation in photosynthetic organisms
- Fructose and mannose metabolism
- Glycolysis / Gluconeogenesis
- Metabolic pathways
- Pentose phosphate pathway