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Product datasheet for TA360010

Aldolase (ALDOA) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ALDOA
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	40kDa
Gene Name:	aldolase, fructose-bisphosphate A
Database Link:	<u>NP_908932</u> <u>Entrez Gene 226 Human</u> <u>P04075</u>



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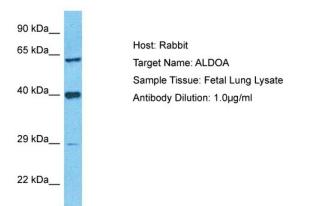
GRIGENE Aldolase (ALDOA) Rabbit Polyclonal Antibody – TA360010

Background:The protein encoded by this gene, Aldolase A (fructose-bisphosphate aldolase), is a glycolytic
enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to
glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. Three aldolase isozymes (A,
B, and C), encoded by three different genes, are differentially expressed during development.
Aldolase A is found in the developing embryo and is produced in even greater amounts in
adult muscle. Aldolase A expression is repressed in adult liver, kidney and intestine and
similar to aldolase C levels in brain and other nervous tissue. Aldolase A deficiency has been
associated with myopathy and hemolytic anemia. Alternative splicing and alternative
promoter usage results in multiple transcript variants. Related pseudogenes have been
identified on chromosomes 3 and 10.

Synonyms:

ALDA; GSD12; MGC10942; MGC17716; MGC17767

Product images:



Host: Rabbit Target Name: ALDOA Sample Type: Fetal Lung lysates Antibody Dilution: 1.0ug/ml

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