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## Datasheet for ABIN2796421 **anti-Aldolase antibody (N-Term)**

### Overview

Quantity:	400 µL
Target:	Aldolase (ALD)
Binding Specificity:	AA 66-95, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aldolase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Purpose:	Rabbit Anti-Human Aldolase (ALDOA) (N-term) Antibody
Immunogen:	This Aldolase (ALDOA) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 66-95 amino acids from the N-terminal region of human Aldolase (ALDOA).
Isotype:	Ig Fraction

### Target Details

Target:	Aldolase (ALD)
Alternative Name:	Aldolase ( <a href="#">ALD Products</a> )
Background:	Target Description: Aldolase A (fructose-bisphosphate aldolase) is a glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-

## Target Details

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.

Gene Symbol: ALDOA

Molecular Weight: 39420 Da

Gene ID: 226

UniProt: [P04075](#)

## Application Details

Application Notes: Western Blot, Immunohistochemistry, Immunofluorescence

Recommended Dilutions

WB: 1:1000, IHC: 1:10-50, IF: 1:10-50 Western blot analysis of lysates from 293RD, mouse NIH/3T3, rat L6 cell line (from left to right), using ALDOA Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 2.0 mg/mL

Storage: 4 °C, -20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)