

Datasheet for ABIN950346

anti-ALDOC antibody (N-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	ALDOC
Binding Specificity:	AA 79-108, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDOC antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 79-108 amino acids from the N-terminal region of human ALDOC.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to Aldolase C.
Cross-Reactivity (Details):	Species reactivity (tested): Human and Mouse.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	ALDOC
Alternative Name:	Aldolase C / ALDOC (ALDOC Products)

Target Details

Background:	<p>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.Synonyms: ALDC, Brain-type aldolase, Fructose-bisphosphate aldolase C</p>
Gene ID:	230
NCBI Accession:	NP_005156

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. ALDOC Antibody (N-term) western blot analysis in mouse spleen tissue lysates (35 µg/lane). This demonstrates the ALDOC antibody detected the ALDOC protein (arrow).

Western Blotting

Image 2. ALDOC Antibody (N-term) western blot analysis in WiDr cell line lysates (35 µg/lane). This demonstrates the ALDOC antibody detected the ALDOC protein (arrow).