

## Anti-Aldolase C/ALDOC Antibody (Monoclonal, 32A31)

Catalog Number: M05296-1

### About ALDOC

Aldolase C, fructose-bisphosphate (ALDOC, or ALDC), is an enzyme that, in humans, is encoded by the ALDOC gene on chromosome 17. This gene encodes a member of the class I fructose-bisphosphate 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-bisphosphate and fructose 1-phosphate to dihydroxyacetone phosphate and either glyceraldehyde-3-phosphate or glyceraldehyde, respectively.

### Overview

Product Name	Anti-Aldolase C/ALDOC Antibody (Monoclonal, 32A31)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Aldolase C/ALDOC Antibody (Monoclonal, 32A31) catalog # M05296-1. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal 32A31
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P09972

### Technical Details

Immunogen	Synthetic peptide within Human Aldolase C aa 52-98.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200

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