



# Aldolase C rabbit pAb

Cat No.:ES3914

For research use only

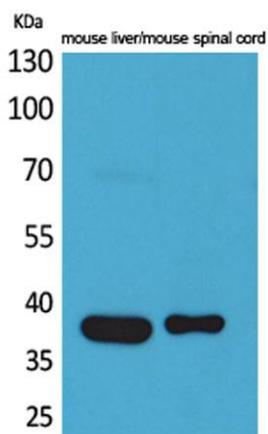
## Overview

<b>Product Name</b>	Aldolase C rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the N-terminal region of human ALDOC. AA range:21-70
<b>Specificity</b>	Aldolase C Polyclonal Antibody detects endogenous levels of Aldolase C protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Fructose-bisphosphate aldolase C
<b>Gene Name</b>	ALDOC
<b>Cellular localization</b>	mitochondrion,cytosol,cytoskeleton,extracellular exosome,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	39kD
<b>Human Gene ID</b>	230
<b>Human Swiss-Prot Number</b>	P09972
<b>Alternative Names</b>	ALDOC; ALDC; Fructose-bisphosphate aldolase C; Brain-type aldolase
<b>Background</b>	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



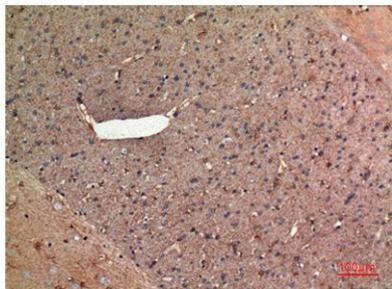


cleavage of fructose-1,6-biphosphate and fructose 1-phosphate to dihydroxyacetone phosphate and either glyceraldehyde-3-phosphate or glyceraldehyde, respectively. [provided by RefSeq, Jul 2008],

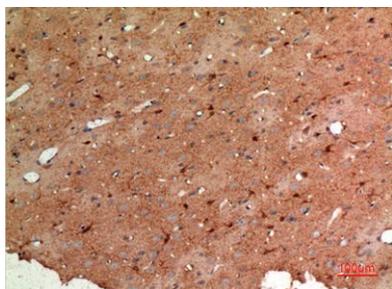


Western Blot analysis of mouse liver, mouse spinal cord cells using Aldolase C Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



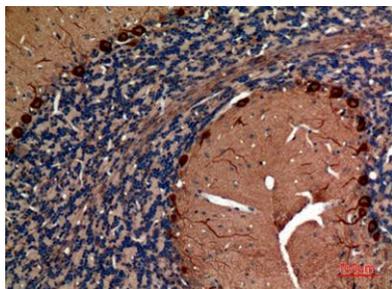
Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100





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Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



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