

Rabbit ALDOC Polyclonal Antibody | anti-ALDOC antibody

ALDOC Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286173	Rabbit	Human (Predicted Reactivity: Monkey, Mouse, Rat)	Western Blot, Immunohistochemistry, ELISA

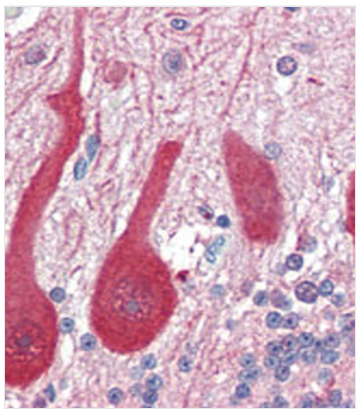
PRODUCT SYNONYMS

ALDOC; Polyclonal Antibody; ALDOC Antibody (C-term); Fructose-bisphosphate aldolase C; Brain-type aldolase; ALDC; anti-ALDOC antibody

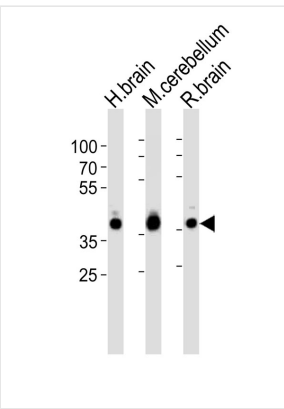
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ALDOC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 300-333 amino acids from the C-terminal region of human ALDOC.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	300-333
Sequence Length	364
Applicable Applications for anti-ALDOC antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human Brain, Cerebellum tissue reacted with ALDOC antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysates from human brain, mouse cerebellum and rat brain tissue lysate (from left to right), using ALDOC Antibody (C-term). AAA286173 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDOC antibody	ALDOC is a member of the fructose-biphosphate aldolase protein family. Expressed specifically in the hippocampus and Purkinje cells of the brain, this 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.
Product Categories/Family for anti-ALDOC antibody	Crown Antibodies; Cancer; Metabolism; Neuroscience; Signal Transduction
References	Buono,P.,FEBS Lett. 578 (3), 337-344 (2004) Buono,P.,Nucleic Acids Res. 16 (10), 4733 (1988) Rottmann,W.H.,Proc. Natl. Acad. Sci. U.S.A. 56 (4), 1275-1282 (1966)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885063
NCBI GeneID	230
NCBI Accession #	NP_005156.1
NCBI GenBank Nucleotide #	NM_005165.2
UniProt Accession #	P09972; Q3SYL3; Q6FH94; Q6P0L5; B2R5R3
Molecular Weight	39456
NCBI Official Full Name	fructose-bisphosphate aldolase C
NCBI Official Synonym Full Names	aldolase C, fructose-bisphosphate
NCBI Official Symbol	ALDOC
NCBI Official Synonym Symbols	ALDC
NCBI Protein Information	fructose-bisphosphate aldolase C
UniProt Protein Name	Fructose-bisphosphate aldolase C
UniProt Gene Name	ALDOC
UniProt Synonym Gene Names	ALDC
UniProt Entry Name	ALDOC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/aldoc-antibody-western-blot-immunohistochemistry-elisa/286173>