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# Datasheet for ABIN7073005 anti-Aldolase antibody

Image



### Overview

| Quantity:    | 100 µL                                  |
|--------------|---|
| Target:      | Aldolase (ALD)                          |
| Reactivity:  | Human, Mouse, Rat                       |
| Host:        | Rabbit                                  |
| Clonality:   | Polyclonal                              |
| Conjugate:   | This Aldolase antibody is un-conjugated |
| Application: | Western Blotting (WB)                   |

## Product Details

| Immunogen:        | Recombinant protein corresponding to Mouse Aldolase |
|-------------------|---|
| Cross-Reactivity: | Human, Rat  |
| Purification:     | Affinity purification                               |

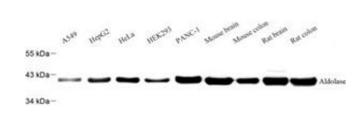
## Target Details

| Target:           | Aldolase (ALD)   |
|-------------------|--|
| Alternative Name: | Aldolase (ALD Products)  |
| Background:       | ALDOA(Fructose-bisphosphate aldolase A) is also named as lung cancer antigen NY-LU-              |
|                   | 1,muscle-type aldolase,ALDA and belongs to the class I fructose-bisphosphate aldolase            |
|                   | family.The ALDOA gene encodes a homotetrameric protein.It is found in skeletal muscle and        |
|                   | red blood cells, and functions in glycolysis, promoting the reversible cleavage of FBP to triose |
|                   | phosphate, G-3-P and DHAP. ALDOA is up regulated in various cancers, including human lung        |

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|                     | squamous and renal cell carcinomas.  |
|---------------------|--|
| Molecular Weight:   | 39 kDa   |
| Gene ID:            | 11674  |
| NCBI Accession:     | NP_001170779   |
| UniProt:            | P05064   |
| Application Details |  |
| Application Notes:  | WB (H,M,R) 1: 500-1: 1000  |
| Restrictions:       | For Research Use only  |
| Handling            |  |
| Format:             | Liquid   |
| Buffer:             | PBS, pH 7.4, 0.02 % sodium azide   |
| Preservative:       | Sodium azide   |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:            | -20 °C   |
|                     |  |

#### Images



#### Western Blotting

**Image 1.** Western blot analysis of ALDA (ABIN7073005) at dilution of 1: 500