ALD | Fructose-1,6 bisphosphate aldolase

Cat. No. *APA-GA-175*

Lot. No. (See product label)

Product Name
ALD | Fructose-1,6 bisphosphate aldolase

Host
Rabbit

Immunogen
overexpressed cytosolic fructose 1,6 bisphosphate aldolase (ALD) based on the sequence from Arabidopsis thaliana Q9LF98, At3g52930

Background
Fructose-1,6 bisphosphate aldolase (ALD) is an enzyme catalazying a key reaction of glycolysis and energy production, converting D-fructose- 1,6-bisphospate into dihydroxyacetone phosphate and D-glyceraldehyde-3-phosphate. This enzyme is present in plant and animal tissues. Plant enzyme is a class I aldolase which does not require a bivalent metal cofactor. It is located to outer mitochondrial membrane.

Format
Lyophilized

Clonality
Polyclonal

Purity
Serum

Quantity
100 µl

Reactivity
A. thaliana, B. napus, C. arietinum, E. tef, G. gracilis, O. sativa, P. falciparum, T. salsuginea

Confirmed reactivity
Arabidopsis thaliana, Brassica napus, Cicer arietinum, Eragrostis tef, Gracilaria gracilis (red algae), Oryza sativa, Plasmodium chabaudi, Plasmodium falciparum, Thellungiella salsuginea

Predicted reactivity
Glycne max, Nicotiana attenuata, Nicotiana tabacum, Oryza sativa, Picea sitchensis, Physcomitrium patens, Pisum sativum, Populus jackii, Spinacia oleracea, Vitis vinifera, Zea mays

Not reactive in
Synechocystis sp.

Reconstitution
For reconstitution add 100 µl of sterile water

Expected/apparent MW
38 | 38 kDa

Tested applications
Western blot (WB)

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-356-5138 Fax: 1-631-910-2166
E-mail: info@lifeasible.com
https://www.lifeasible.com

ALD | Fructose-1,6 bisphosphate aldolase

Cat. No. *APA-GA-175*

Lot. No. (See product label)

Recommended dilution

1 : 5000 (WB)

Storage

Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-356-5138 Fax: 1-631-910-2166
E-mail: info@lifeasible.com
https://www.lifeasible.com