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Product no AS08 294

Anti-ALD | Fructose-1,6 bisphosphate aldolase

Product information

Immunogen	Overexpressed cytosolic fructose 1,6 bisphosphate aldolase (ALD) based on the sequence from *Arabidopsis thaliana* Q9LF98, At3g52930
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	100 µl
Reconstitution	For reconstitution add 100 µl of sterile water
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.

Application information

Recommended dilution	1 : 5000 (WB)
Expected | apparent MW	38 | 38 kDa
Confirmed reactivity	*Arabidopsis thaliana, Brassica napus, Cicer arietinum, Eragrostis tef, Gracilaria gracilis (red algae), Nicotiana benthamiana, 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* Species of your interest not listed? Contact us
Not reactive in	*Synechocystis* sp.
Additional information	This product can be sold containing ProClin if requested
Selected references	Zheng et al. (2026). Polyphenol oxidase depletion in Nicotiana benthamiana enhances recombinant protein purification and preserves native protein integrity. New Phytol. 2026 May 24. doi: 10.1111/nph.71262. Sevilla et al. (2022) Identification of Early Salt-Stress-Responsive Proteins in In Vitro Prunus Cultured Excised Roots. Plants 11, 2101. Wang et al. (2018). iTRAQ-based quantitative proteomics analysis of an immature high-oleic acid near-isogenic line of rapeseed. Molecular Breeding January 2018, 38:2. Kamies et al. (2017). A Proteomic Approach to Investigate the Drought Response in the Orphan Crop Eragrostis tef. Proteomes. 2017 Nov 15;5(4). pii: E32. doi: 10.3390/proteomes5040032. Foley et al. (2017). A Global View of RNA-Protein Interactions Identifies Post-transcriptional Regulators of Root Hair Cell Fate.Dev Cell. 2017 Apr 24;41(2):204-220.e5. doi: 10.1016/j.devcel.2017.03.018. Parveen et al. (2016). Chickpea Ferritin CaFer1 Participates in Oxidative Stress Response, and Promotes Growth and Development. Sci Rep. 2016 Aug 9;6:31218. doi: 10.1038/srep31218. Yam et al. (2016). Characterization of the Plasmodium Interspersed Repeats (PIR) proteins of Plasmodium chabaudi indicates functional diversity. Sci Rep. 2016 Mar 21;6:23449. doi: 10.1038/srep23449. Dixit (2015). Sulfur alleviates arsenic toxicity by reducing its accumulation and modulating proteome, amino acids and thiol metabolism in rice leaves. Sci Rep. 2015 Nov 10;5:16205. doi: 10.1038/srep16205. Vera-Estrella et al. (2014). Comparative 2D-DIGE analysis of salinity responsive microsomal proteins from leaves of salt-sensitive Arabidopsis thaliana and salt-tolerant Thellungiella salsuginea. J Proteomics. 2014 Jun 2. pii: S1874-3919(14)00288-7. doi: 10.1016/j.jprot.2014.05.018.