

Product no **AS06 182****Anti-GLDH | Galactono-1,4 lactone dehydrogenase****Product information**

<b>Immunogen</b>	Recombinant C-terminal of <i>Zea mays</i> GLDH, UniProt: <a href="#">C0HFL3</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Total IgG. Protein G purified in PBS pH 7.4.
<b>Format</b>	Lyophilized
<b>Quantity</b>	100 µl
<b>Reconstitution</b>	For reconstitution add 100 µl of sterile water
<b>Storage</b>	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.
<b>Additional information</b>	Total IgG concentration is 6,8 µg/µl

**Application information**

<b>Recommended dilution</b>	1 : 5000 (WB)
<b>Expected   apparent MW</b>	68 kDa
<b>Confirmed reactivity</b>	<i>Avena sativa</i> , <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Helianthus annuus</i> , <i>Oryza sativa</i> , <i>Zea mays</i>
<b>Predicted reactivity</b>	<i>Arabidopsis thaliana</i> , <i>Zostera marina</i>
	Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	Mitochondrial, membrane or meristematic fractions were shown to be richer in GLDH expression
<b>Selected references</b>	<p><a href="#">Chen</a> et al. (2019). Composition of Mitochondrial Complex I during the Critical Node of Seed Aging in <i>Oryza sativa</i>. <i>Journal of Plant Physiology</i> Volume 236, May 2019, Pages 7-14.</p> <p><a href="#">Schimmeyer</a> et al. (2016). L-Galactono-1,4-lactone dehydrogenase is an assembly factor of the membrane arm of mitochondrial complex I in <i>Arabidopsis</i>. <i>Plant Mol Biol</i>. 2016 Jan;90(1-2):117-26. doi: 10.1007/s11103-015-0400-4. Epub 2015 Oct 31.</p> <p><a href="#">Ostaszewska-Bugajska</a> et al. (2016). Changes in the OXPHOS system in leaf and root mitochondria of <i>Arabidopsis thaliana</i> subjected to long-term sulphur deficiency. <i>Acta Physiologiae Plantarum</i> 38:141.</p> <p><a href="#">Bartoli</a> et al. (2005). Ascorbate content in wheat leaves is not determined by maximal L-galactono-1, 4-lactone dehydrogenase (GalLDH) activity under drought stress. <i>Plant Cell Environ</i> 28:1073-1081.</p>