

Anti-L-galactono-1,4 lactone dehydrogenase antibody

Catalog: PHY0093S

Product Information

Description:	Rabbit polyclonal antibody
Background:	L-Galactono-1,4-lactone dehydrogenase (GLDH) catalyses the last enzymatic step of the ascorbate biosynthetic pathway in plants. GLDH is localised to mitochondria and several reports have shown that GLDH is associated with complex I of the respiratory chain.
Synonyms:	GLDH, GaLDH
Immunogen:	KLH-conjugated synthetic peptide of GLDH derived from <i>Zea mays</i> Zm00001d004956.
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150 µl of sterile water. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected/apparent MW:	66 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among 25 analyzed species, the sequence of the synthetic peptide

Research Use Only

used for immunization is 80-99% homologues with the sequence in *Triticum aestivum*, *Sorghum bicolor*.

For more species homologues information, please contact tech support at tech@phytoab.com.