Polyclonal Anti- Lactate dehydrogenase A, LDH-A

Catalog#  BPA1069
Lot #  Check on the product label
Size  100μg
Isotype  IgG
Host  Rabbit
Reactivity  Human, mouse, rat
Product Form  Liquid
Purification  Immunogen affinity purified
Immunogen  A synthetic peptide (conjugated with KLH) corresponding to the region of human LDH-A.

Recommend Application
Western Blot (1:1000)
Other applications have not been tested. The optimal dilutions should be determined by end user.

Storage Buffer
In TBS (pH7.4), 0.5% BSA, 25% Glycerol and 0.05% Sodium Azide.

Storage Instruction
Store at 4°C after thawing (1 week). Aliquot and store at -20°C for long term (at least one year). Avoid repeated freeze and thaw cycles.

Background
Lactate dehydrogenase A, also known as LDHA, is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. It is encoded by the LDHA gene which contains 7 exons and spans about 12 kb [1]. It catalyzes the conversion of L-lactate and NAD+ to pyruvate and NADH in the final step of anaerobic glycolysis. [2] Mutations in LDHA have been linked to exertional myoglobinuria.

Reference