# Phospho-LDHA-Y10 Rabbit Polyclonal Antibody

**CABP0889**

## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

37KDa

**Calculated MW:**

37kDa

**Applications:**

WB

**Reactivity:**

Mouse

## Protein Background

The protein encoded by this gene catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. The protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. Mutations in this gene have been linked to exertional myoglobinuria. Multiple transcript variants encoding different isoforms have been found for this gene. The human genome contains several non-transcribed pseudogenes of this gene.

## Immunogen information

**Gene ID:**
3939

**Uniprot**
P00338

**Synonyms:**
GSD11; HEL-S-133P; LDHM; PIG19; LDHA

## Antibody Information

**Recommended dilutions:**
WB 1:500 - 1:2000

**Source:**
Rabbit

**Isotype:**
IgG

**Purification:**
Affinity purification

**Immunogen:**
A phospho specific peptide corresponding to residues surrounding Y10 of human LDHA.

**Storage:**
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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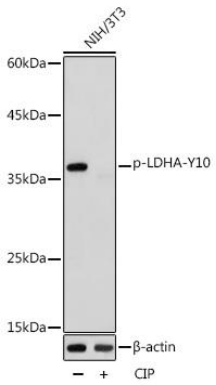
**Product Images**




Western blot analysis of extracts of NIH/3T3 cells, using Phospho-LDHA-Y10 antibody (CABP0889) at 1:1000 dilution.NIH/3T3 cells were treated by CIP(20uL/400ul) at 37'C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.