

# Anti-Human MDH2 Polyclonal Antibody

## Summary

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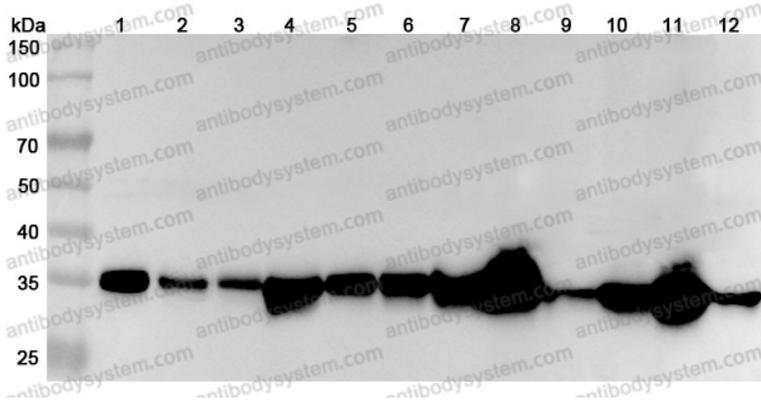
|                              |   |
|------------------------------|---|
| <b>Catalog No.</b>           | PHE28201  |
| <b>Host species</b>          | Rabbit  |
| <b>Tested applications</b>   | ELISA: 1:4000-1:8000, IHC: 1:50-1:100, WB: 1:1000-1:4000  |
| <b>Species reactivity</b>    | Human   |
| <b>Immunogen</b>             | E. coli - derived recombinant Human MDH2 (Asn24-Lys338).  |
| <b>Form</b>                  | Liquid  |
| <b>Storage buffer</b>        | 0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.   |
| <b>Clonality</b>             | Polyclonal  |
| <b>Isotype</b>               | IgG   |
| <b>Applications</b>          | ELISA, IHC, WB  |
| <b>Target</b>                | Malate dehydrogenase, mitochondrial, MDH2   |
| <b>Purification</b>          | Purified by antigen affinity column.  |
| <b>Accession</b>             | P40926  |
| <b>Stability and Storage</b> | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt. |
| <b>Note</b>                  | For research use only.  |

## Data Image

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Various lysates were subjected to SDS PAGE followed by western blot with MDH2 antibody (PHE28201) at 1µg/ml.

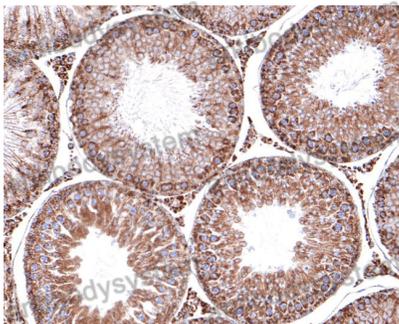
- Lane 1: HeLa cell lysate
- Lane 2: U87 cell lysate
- Lane 3: NIH3T3 cell lysate
- Lane 4: A549 cell lysate
- Lane 5: HepG2 cell lysate
- Lane 6: Jurkat cell lysate
- Lane 7: Mouse kidney lysate
- Lane 8: Mouse heart lysate
- Lane 9: Mouse skeletal muscle lysate
- Lane 10: Rat kidney lysate
- Lane 11: Rat heart lysate
- Lane 12: Rat skeletal muscle lysate



Western Blot

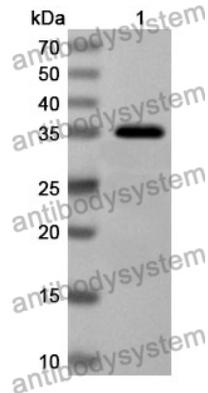
Second Ab: Goat Anti-Rabbit IgG H&L  
Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 36 kDa  
Observed MW: 36 kDa



Immunohistochemical

Immunohistochemical analysis of rat testis stained for MDH2 with PHE28201.



Western Blot

Recombinant Protein lysates were subjected to SDS PAGE followed by western blot with MDH2 antibody (PHE28201) at 1  $\mu\text{g/ml}$ .

Lane 1: Recombinant Protein

Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1  $\mu\text{g/mL}$ .

Predict MW: 35 kDa

Observed MW: 35 kDa