.-online.com antibodies

Datasheet for ABIN752878 anti-PDHA1 antibody (pSer293)

Image



Overview

| Quantity: | 100 µL |
|----------------------|--------------------------------------|
| Target: | PDHA1 |
| Binding Specificity: | pSer293 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PDHA1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

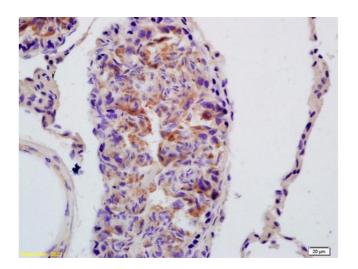
Product Details

| Immunogen: | KLH conjugated synthetic phosphopeptide derived from human PDHA1 around the |
|-----------------------|--|
| Isotype: | phosphorylation site of Ser293 IgG |
| Specificity: | This phosphorylation site is homologous across the listed species. This antibody will detect PDHA2, the testis specific form, when phosphorylated at Ser293 in Human, Ser296 in Mouse, and the predicted site of Ser296 in Rat due to sequence homology. |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human,Mouse,Dog,Cow,Pig,Horse,Chicken,Rabbit |
| Purification: | Purified by Protein A. |

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Target Details

| Target: | PDHA1 |
|---------------------|---|
| Alternative Name: | PDHA1 (PDHA1 Products) |
| Background: | Synonyms: PDHA, PDHAD, PHE1A, PDHCE1A, Pyruvate dehydrogenase E1 component subunit |
| | alpha, somatic form, mitochondrial, PDHE1-A type I, PDHA1 |
| | Background: The pyruvate dehydrogenase complex catalyzes the overall conversion of |
| | pyruvate to acetyl-CoA and CO(2), and thereby links the glycolytic pathway to the tricarboxylic |
| | cycle. |
| Gene ID: | 5160 |
| UniProt: | P08559 |
| Pathways: | Warburg Effect |
| Application Details | |
| Application Notes: | WB 1:300-5000 |
| | ELISA 1:500-1000 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 μg/μL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be |
| | handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat testis labeled with Anti phospho-PDHA1(Ser293) Polyclonal Antibody (ABIN752878), Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining

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