

## PRODH

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**Reactivity:**Human Mouse

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**68kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human PRODH

**Storage Buffer:**

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

**Concentration:**

b

**Synonym:**

POX; PIG6; HSPOX2; PRODH1; PRODH2; TP5316;

**Catalog #:**A5836

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5625

**Isotype:**IgG

**Swiss Prot:**O43272

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a mitochondrial protein that catalyzes the first step in proline degradation.

Mutations in this gene are associated with hyperprolinemia type 1 and susceptibility to schizophrenia 4 (SCZD4). This gene is located on chromosome 22q11.21, a region which has also been associated with the contiguous gene deletion syndromes, DiGeorge and CATCH22.

Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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