

PRODH

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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