

HPD

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

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

Calculated MW:45kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human HPD

Storage Buffer:

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

Synonym:

PPD; 4HPPD; GLOD3; 4-HPPD; HPPDASE;

Catalog #:A6505

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:3242

Isotype:IgG

Swiss Prot:P32754

Purity:Affinity purification

For research use only.

Background:

The protein encoded by this gene is an enzyme in the catabolic pathway of tyrosine. The encoded protein catalyzes the conversion of 4-hydroxyphenylpyruvate to homogentisate. Defects in this gene are a cause of tyrosinemia type 3 (TYRO3) and hawkinsinuria (HAWK). Two transcript variants encoding different isoforms have been found for this gene.

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