

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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