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**Product Name: HPD Rabbit Monoclonal Antibody****Catalog #: AMRe86734**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IHC 1:200-1:2000
<b>Molecular Weight</b>	Calculated MW:45 kDa; Observed MW:45 kDa

**Antigen Information**

<b>Gene Name</b>	HPD
<b>Alternative Names</b>	PPD; 4HPPD; GLOD3; 4-HPPD; HPPDASE
<b>Gene ID</b>	3242
<b>SwissProt ID</b>	P32754
<b>Immunogen</b>	A synthetic peptide of human HPD

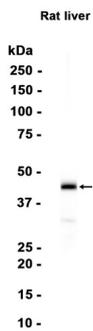
**Background**

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. [provided by RefSeq, Jan 2010]

## Research Area

## Image Data



Western blot analysis of extracts from Rat liver tissue using HPD Rabbit Monoclonal Antibody at 1:1000.