

Rabbit HPD Polyclonal Antibody | anti-HPD antibody

HPD Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286987	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

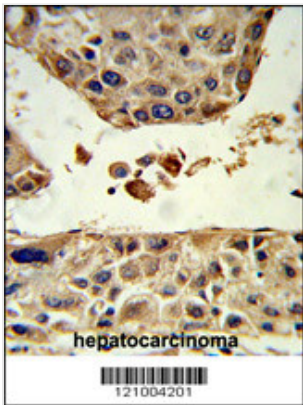
PRODUCT SYNONYMS

HPD; Polyclonal Antibody; HPD Antibody (C-term); 4-hydroxyphenylpyruvate dioxygenase; 4-hydroxyphenylpyruvic acid oxidase; 4HPPD; HPPDase; PPD; anti-HPD antibody

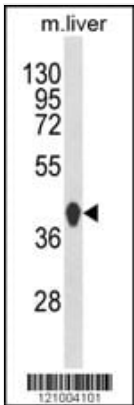
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HPD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 255-284 amino acids from the C-terminal region of human HPD.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.449 (varies by lot)
Sequence Positions	255-284
Sequence Length	354
Applicable Applications for anti-HPD antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with HPD Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of HPD Antibody (C-term) in mouse liver tissue lysates (35ug/lane). HPD (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HPD antibody	HPD is an enzyme in the catabolic pathway of tyrosine. This protein catalyzes the conversion of 4-hydroxyphenylpyruvate to homogentisate.
Product Categories/Family for anti-HPD antibody	Cell Biology; Metabolism; Signal transduction
References	Item,C.B., et.al., Mol. Genet. Metab. 91 (4), 379-383 (2007) Wistow,G., et.al., Mol. Vis. 8, 171-184 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	285002264
NCBI GeneID	3242
NCBI Accession #	NP_001165464.1; NP_002141.1
NCBI GenBank Nucleotide #	NM_001171993.1
UniProt Accession #	P32754; Q13234; A8K461; B3KQ63
Molecular Weight	44934
NCBI Official Full Name	4-hydroxyphenylpyruvate dioxygenase isoform 2
NCBI Official Synonym Full Names	4-hydroxyphenylpyruvate dioxygenase
NCBI Official Symbol	HPD
NCBI Official Synonym Symbols	PPD; 4HPPD; GLOD3; 4-HPPD; HPPDASE
NCBI Protein Information	4-hydroxyphenylpyruvate dioxygenase
UniProt Protein Name	4-hydroxyphenylpyruvate dioxygenase
UniProt Gene Name	HPD
UniProt Synonym Gene Names	PPD; 4HPPD; HPD; HPPDase
UniProt Entry Name	HPPD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hpd-antibody-immunohistochemistry-western-blot-elisa/286987>