

Mouse anti-Human, Pig 4Hydroxyphenylpyruvate Dioxygenase (HPD) Monoclonal Antibody | anti-HPD antibody

Monoclonal Antibody to 4Hydroxyphenylpyruvate Dioxygenase (HPD)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151849	Mouse	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

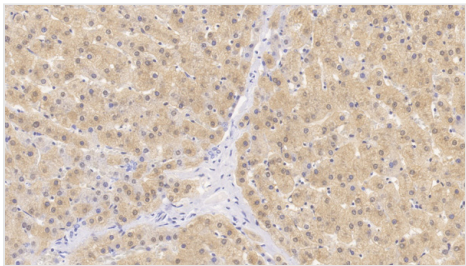
PRODUCT SYNONYMS

4Hydroxyphenylpyruvate Dioxygenase (HPD); Monoclonal Antibody; Monoclonal Antibody to 4Hydroxyphenylpyruvate Dioxygenase (HPD); HPD/4Hydroxyphenylpyruvate Dioxygenase; PPD; 4HPPD; GLOD3; Glyoxalase Domain Containing 3; 4hydroxyphenylpyruvic acid oxidase; anti-HPD antibody

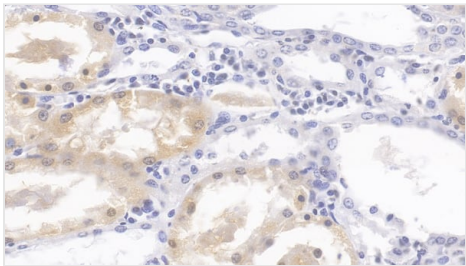
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	D2
Specificity	The antibody is a mouse monoclonal antibody raised against HPD. It has been selected for its ability to recognize HPD in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-HPD antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Thr2~Met393
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

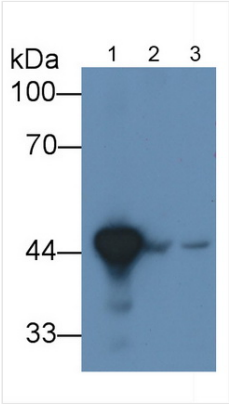
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHCP; Samples: Human Liver Tissue; Primary Ab: 30ug/ml Mouse AntiHuman HPD Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19)



IHC (Immunohiostchemistry)
DAB staining on IHCP; Samples: Human Kidney Tissue; Primary Ab: 30ug/ml Mouse AntiHuman HPD Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



WB (Western Blot)

ADDITIONAL INFORMATION

Product Categories/Family for anti-HPD antibody	Enzyme & Kinase; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	417144
NCBI GeneID	3242
UniProt Accession #	P32754; Q13234; A8K461; B3KQ63
Molecular Weight	393
NCBI Official Full Name	4-hydroxyphenylpyruvate dioxygenase
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; glyoxalase domain containing 3; 4-hydroxyphenylpyruvic acid oxidase
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/monoclonal/4hydroxyphenylpyruvate-dioxygenase-hpd-antibody-clone-d2-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151849>