

Rabbit anti-Human, Mouse 4-hydroxyphenylpyruvate dioxygenase Polyclonal Antibody | anti-HPD antibody

Rabbit anti-human 4-hydroxyphenylpyruvate dioxygenase polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA117787	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

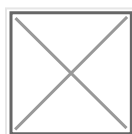
PRODUCT SYNONYMS

4-hydroxyphenylpyruvate dioxygenase; Polyclonal Antibody; Rabbit anti-human 4-hydroxyphenylpyruvate dioxygenase polyclonal Antibody; 4-hydroxyphenylpyruvic acid oxidase; anti-HPD antibody

PRODUCT SPECIFICATIONS

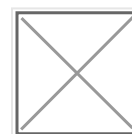
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	354
Applicable Applications for anti-HPD antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human 4-hydroxyphenylpyruvate dioxygenase protein (2-393AA)
Conjugate	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-69282 / sc-69284 / sc-98596
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	HPD
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemisry)

Immunofluorescent analysis of HepG2 cells using AAA117787 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA117787 at dilution of 1:20



WB (Western Blot)

Western blotAll lanes: HPD antibody at 4.5ug/mlLane 1: Mouse kidney tissueLane 2: Mouse liver tissueLane 3: HepG-2 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 45,41 kDaObserved band size: 45,31 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HPD antibody	Key enzyme in the degradation of tyrosine.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	285002264
NCBI GeneID	3242
NCBI Accession #	NP_001165464.1
NCBI GenBank Nucleotide #	NM_001171993.1
UniProt Accession #	P32754; Q13234; A8K461; B3KQ63
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/4-hydroxyphenylpyruvate-dioxygenase-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/117787>