

Datasheet for ABIN7435766
anti-HPD antibody (AA 2-393)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	HPD
Binding Specificity:	AA 2-393
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HPD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to 4-Hydroxyphenylpyruvate Dioxygenase (HPD)
Immunogen:	Recombinant 4-Hydroxyphenylpyruvate Dioxygenase (HPD) corresponding to Thr2~Met393 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against HPD. It has been selected for its ability to recognize HPD in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

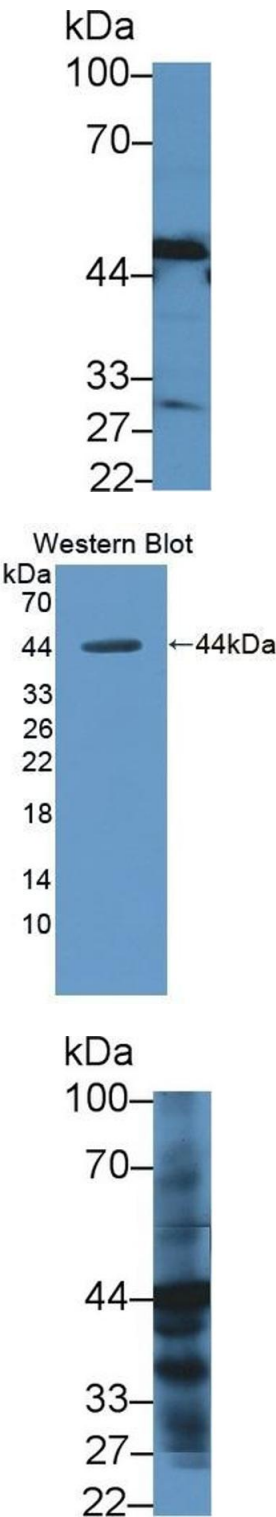
Target:	HPD
Alternative Name:	4-Hydroxyphenylpyruvate Dioxygenase (HPD Products)
Background:	PPD, 4-HPPD, 4HPPD, GLOD3, Glyoxalase Domain Containing 3, 4-hydroxyphenylpyruvic acid oxidase

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	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°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.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of HPD in Human Jurkat cell lysate using Polyclonal Antibody to 4-Hydroxyphenylpyruvate Dioxygenase (HPD)

Western Blotting

Image 2. Detection of Recombinant HPD, Human using Polyclonal Antibody to 4-Hydroxyphenylpyruvate Dioxygenase (HPD)

Western Blotting

Image 3. Detection of HPD in Human Liver lysate using Polyclonal Antibody to 4-Hydroxyphenylpyruvate Dioxygenase (HPD)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7435766.