

## ARG59578 anti-HPD antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes HPD
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HPD
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-393 of Human HPD (NP_002141.1).
Conjugation	Un-conjugated
Alternate Names	4-hydroxyphenylpyruvic acid oxidase; 4-HPPD; HPPDase; HPPDASE; PPD; EC 1.13.11.27; GLOD3; 4-hydroxyphenylpyruvate dioxygenase; 4HPPD; HPD

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat kidney, Mouse kidney and HL-60	
Observed Size	45 kDa	

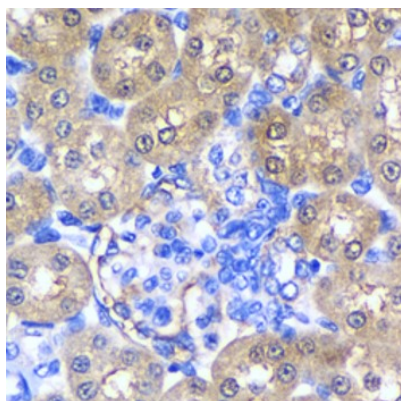
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

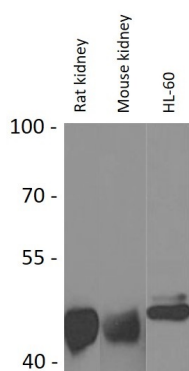
Gene Symbol	HPD
Gene Full Name	4-hydroxyphenylpyruvate dioxygenase
Background	The protein encoded by this gene is an enzyme in the catabolic pathway of tyrosine. The encoded protein catalyzes the conversion of 4-hydroxyphenylpyruvate to homogentisate. Defects in this gene are a cause of tyrosinemia type 3 (TYRO3) and hawkinsinuria (HAWK). Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010]
Function	Key enzyme in the degradation of tyrosine. [UniProt]
Calculated Mw	45 kDa

## Images



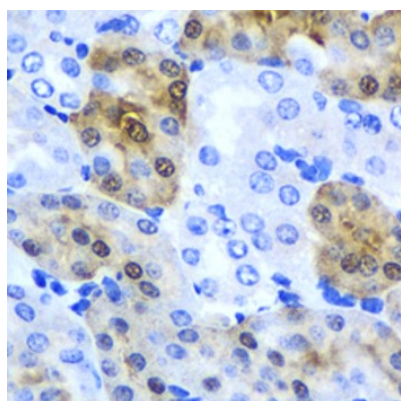
ARG59578 anti-HPD antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat kidney stained with ARG59578 anti-HPD antibody at 1:100 dilution.



ARG59578 anti-HPD antibody WB image

Western blot: 25 µg of Rat kidney, Mouse kidney and HL-60 cell lysates stained with ARG59578 anti-HPD antibody at 1:1000 dilution.



ARG59578 anti-HPD antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse kidney stained with ARG59578 anti-HPD antibody at 1:100 dilution.