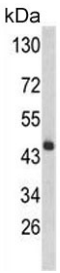
HPD Antibody / 4-hydroxyphenylpyruvate dioxygenase / 4HPPD (F54982)

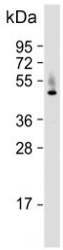
Catalog No.	Formulation	Size
F54982-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54982-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

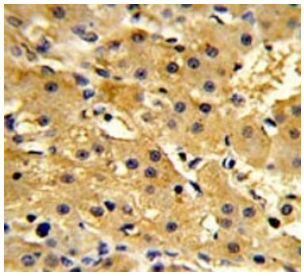
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P32754
Localization	Cytoplasmic, extracellular
Applications	Flow cytometry: 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE): 1:50-1:100 Western blot: 1:500-1:1000
Limitations	This HPD antibody is available for research use only.



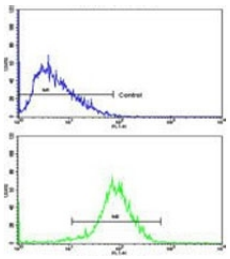
Western blot testing of mouse liver tissue lysate with HPD antibody. Predicted molecular weight ~45 kDa.



Western blot testing of human HepG2 cell lysate with HPD antibody. Predicted molecular weight ~45 kDa.



IHC testing of FFPE human hepatocellular carcinoma tissue with HPD antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human HepG2 cells with HPD antibody; Blue=isotype control, Green= HPD antibody.

Description

HPD is an enzyme in the catabolic pathway of tyrosine. This protein catalyzes the conversion of 4-hydroxyphenylpyruvate to homogentisate.

Application Notes

The stated application concentrations are suggested starting points. Titration of the HPD antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 92-121 from the human protein was used as the immunogen for the HPD antibody.

Storage

Aliquot the HPD antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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