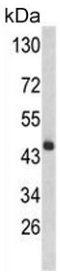
# HPD Antibody / 4-hydroxyphenylpyruvate dioxygenase / 4HPPD (F54982)

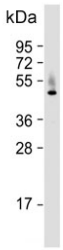
| Catalog No. | Formulation | Size |
|---|---|---|
| F54982-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F54982-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

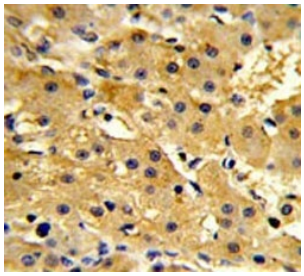
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity purified |
| **UniProt** | P32754 |
| **Localization**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



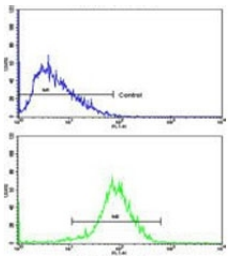

Western blot testing of mouse liver tissue lysate with HPD antibody. Predicted molecular weight ~45 kDa.




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
Copyright © NSJ Bioreagents. All rights reserved.