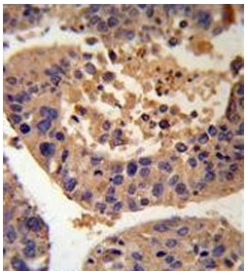
# AGXT Antibody (F54248)

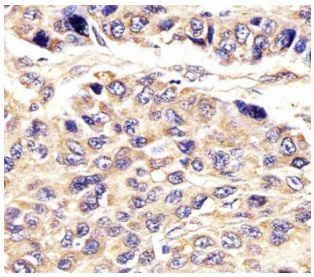
| Catalog No. | Formulation | Size |
|---|---|---|
| F54248-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F54248-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

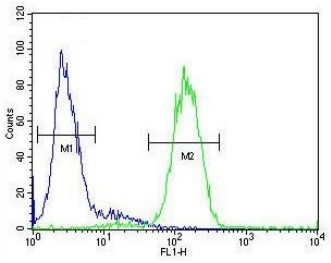
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity purified |
| **UniProt** | P21549 |
| **Gene ID** | 189 |
| **Localization** | Cytoplasmic |
| **Applications** | Western blot: 1:1000-1:2000<br>Immunohistochemistry (FFPE): 1:25-1:50<br>Flow cytometry: 1:25 (per 10e6 cells) |
| **Limitations** | This AGXT antibody is available for research use only. |



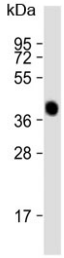
IHC testing of FFPE human hepatocarcinoma with AGXT antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



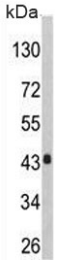
IHC testing of FFPE human hepatocarcinoma with AGXT antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.




Flow cytometry testing of fixed and permeabilized human HepG2 cells with AGXT antibody; Blue=isotype control, Green= AGXT antibody.




Western blot testing of human liver lysate with AGXT antibody. Predicted molecular weight ~43 kDa.




Western blot testing of human HepG2 cell lysate with AGXT antibody. Predicted molecular weight ~43 kDa.

## Description

AGXT is expressed only in the liver and protein is localized mostly in the peroxisomes, where it is involved in glyoxylate detoxification.

## Application Notes

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

## Immunogen

A portion of amino acids 96-125 from the human protein were used as the immunogen for the AGXT antibody.

## Storage

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

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