

AGRP Human

Agouti-Related Protein Human Recombinant
HRM0002

Product Overview

Name AGRP Human

Description

Agouti-Related Protein Human Recombinant

Accession (Primary) [O00253](#)

Immunogen

Anti-human AGXT mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human AGXT amino acids 330-392 purified from E. coli.

Synonyms

Serine-pyruvate aminotransferase, Alanine-glyoxylate aminotransferase, SPT, AGT, AGXT, AGT1, SPAT, PH1, TLH6, AGXT1.

Introduction

AGXT is expressed only in the liver and its protein is localized mostly in the peroxisomes, where it is involved in glyoxylate detoxification. Mutations in the AGXT gene, some of which alter subcellular targeting, have been linked to type I primary hyperoxaluria.

Formulation

1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.

Applications

AGXT antibody has been tested by ELISA and Immunofluorescence analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

Recommended dilution range for Immunofluorescence analysis is 1:500 ~ 1000. Recommended starting dilution is 1:500.

Type

Mouse Anti Human Monoclonal.

Clone

PAT2T4AT.

Ig Subclass

Mouse IgG2b heavy chain and ? light chain.

Purification Method

AGXT antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.

Storage Procedures

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Stability / Shelf Life

12 months at -20°C. 1 month at 4°C.

Precautions

AGRP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([O00253](#))