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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09063 - Goat Anti-AGXT / AGT Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AGXT, alanine-glyoxylate aminotransferase, AGT, AGT1, AGXT1, PH1, SPAT, SPT, TLH6, L-alanine: glyoxylate aminotransferase 1, hepatic peroxisomal alanine:glyoxylate aminotransferase, serine-pyruvate aminotransferase, serine:pyruvate aminotransferase

Official Symbol: AGXT

Accession Number(s): NP_000021.1

Human GeneID(s): [189](#)

Immunogen

Peptide with sequence C-DKAKKKMYSRK, from the internal region of the protein sequence according to NP_000021.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.

Immunofluorescence: Strong expression of the protein seen in the vesicles of HeLa and HepG2 cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB09063 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton.

Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB09063 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15%

Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB09063 Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5%

Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.