



## UK Office

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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.

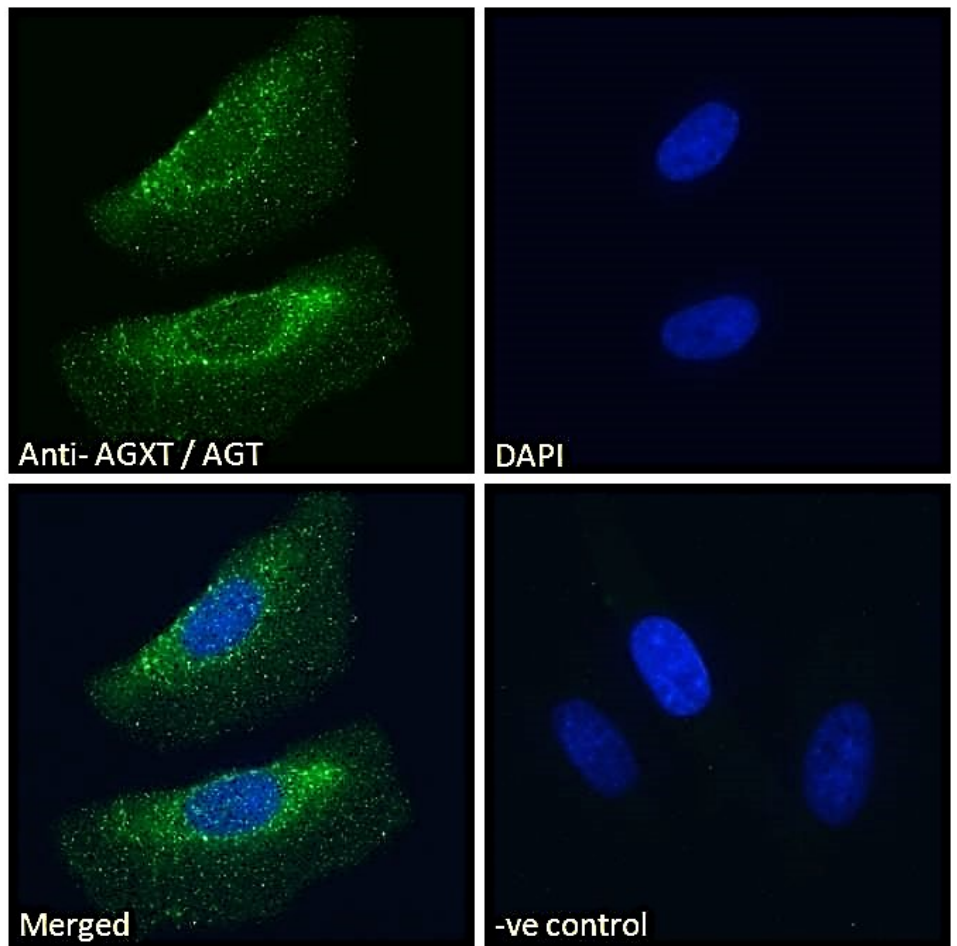
**Immunofluorescence:** Strong expression of the protein seen in the vesicles of HeLa and HepG2 cells. Recommended concentration: 10µg/ml.

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

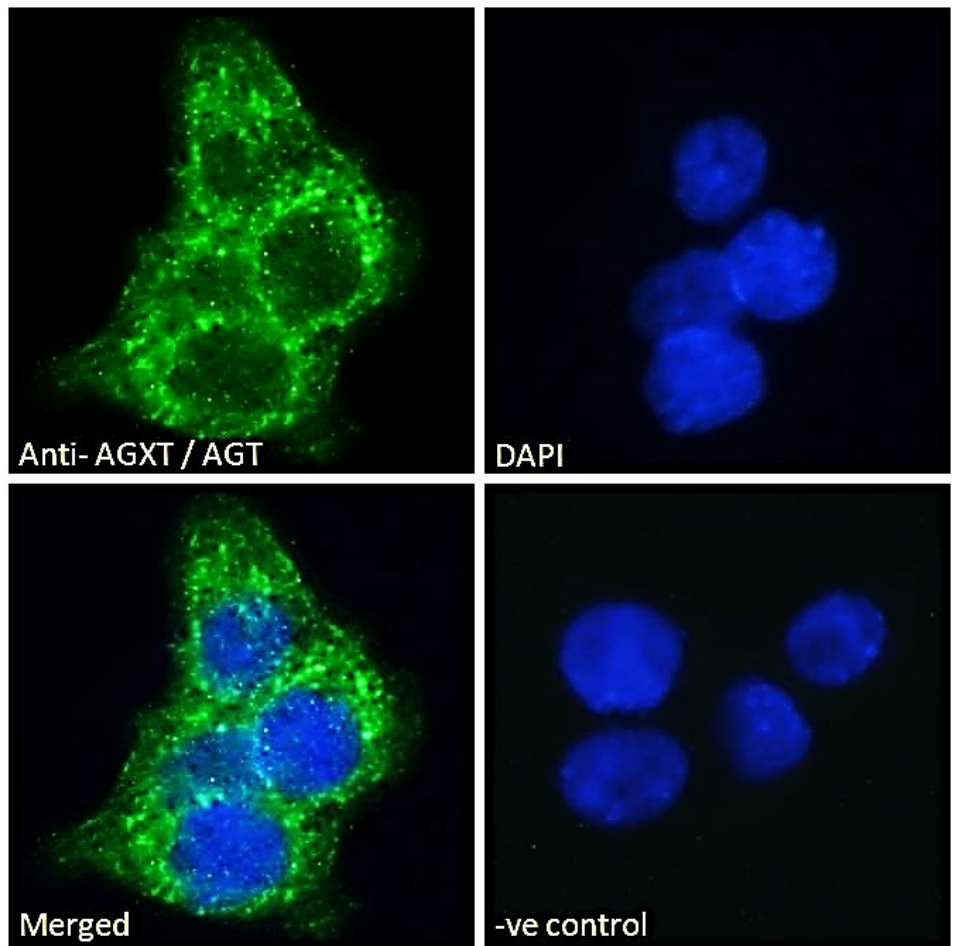
### Species Reactivity

**Tested:** Human

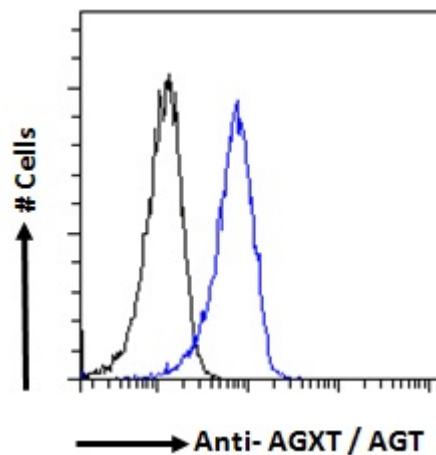
**Expected from sequence similarity:** Human



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.