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EB09920 - Goat Anti-ZGLP1 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: FLJ39511, FLJ39703, GATA like protein 1, GATA like protein-1, GLP1, GLP-1, zinc finger, GATA-like protein 1, ZGLP1
Official Symbol: ZGLP1
Accession Number(s): NP_001096637.1
Human GeneID(s): 100125288
Non-Human GeneID(s): 100009600 (mouse)

Immunogen

Peptide with sequence C-EGVTLKFQIKPDS, from the internal region of the protein sequence according to NP_001096637.1.

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

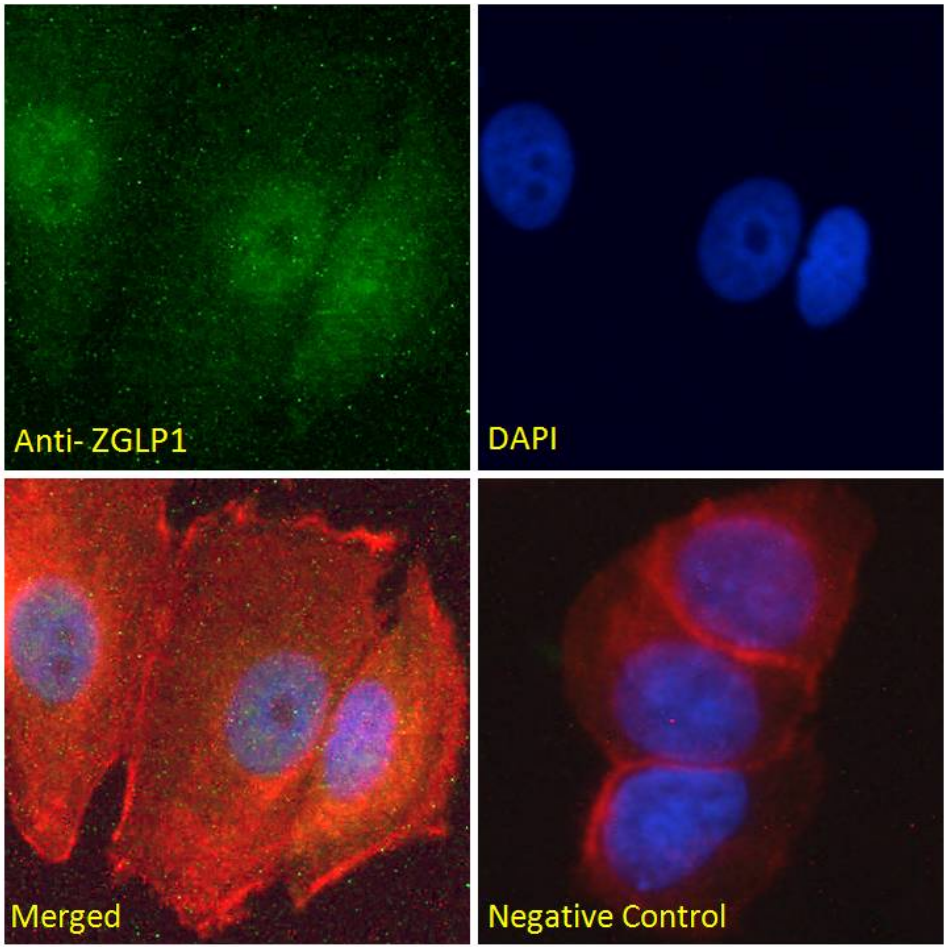
Peptide ELISA: antibody detection limit dilution 1:8000.
Western blot: Preliminary experiments gave an approx 35kDa band in Human Testis lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band, given the calculated size of 29.6kDa according to NP_001096637.1. The 35kDa band was successfully blocked by incubation with the immunizing peptide.

Immunofluorescence: Strong expression of the protein seen in the nucleus of MCF7 and U2OS cells. Recommended concentration: 10µg/ml.

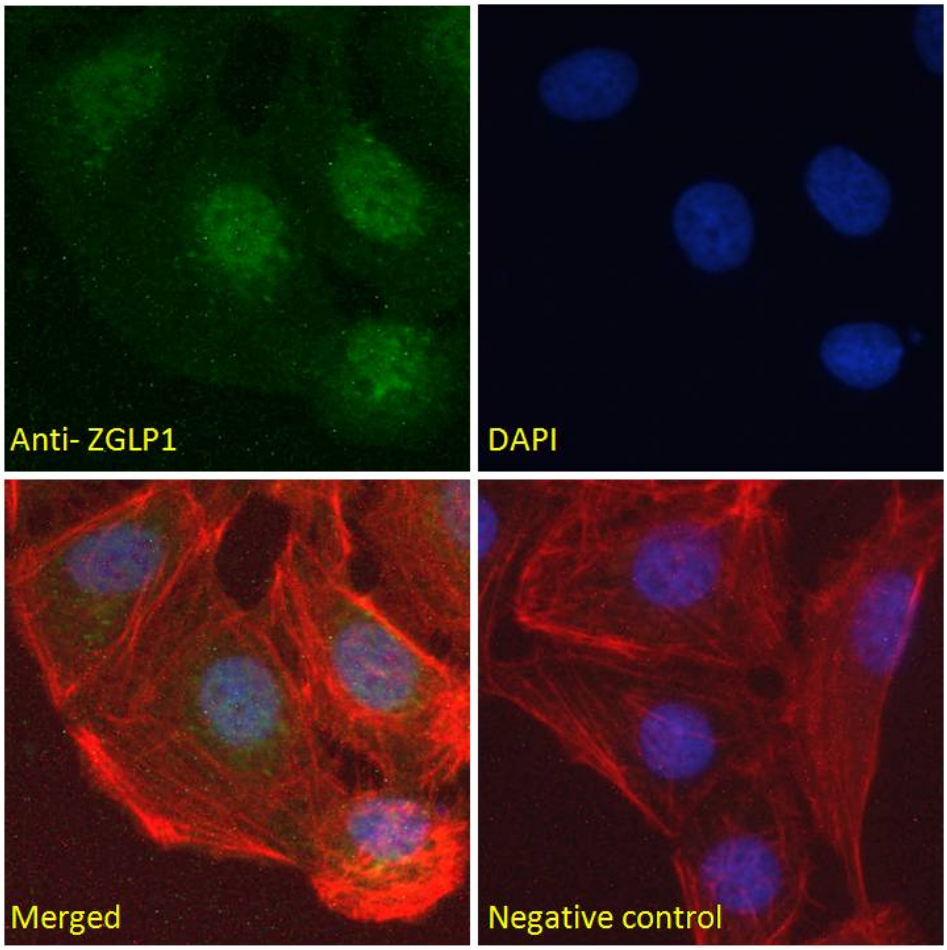
Flow Cytometry: Flow cytometric analysis of K562 cells. Recommended concentration: 10ug/ml.

Species Reactivity

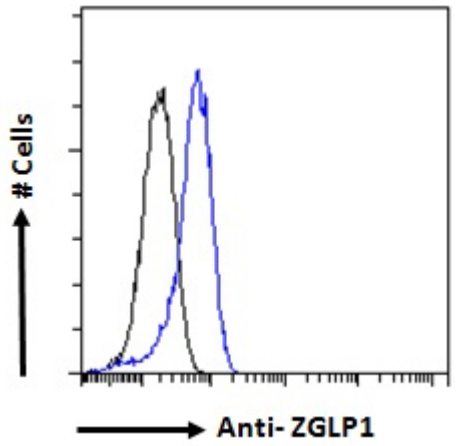
Tested: Human
Expected from sequence similarity: Human, Mouse, Cow



EB09920 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and vesicle staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB09920 mmunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB09920 Flow cytometric analysis of paraformaldehyde fixed K562 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.