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EB12910 - Goat Anti-OAZ1 (aa120-132) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: OAZ1, ornithine decarboxylase antizyme 1, AZI, OAZ, ODC-Az, antizyme 1
Official Symbol: OAZ1
Accession Number(s): NP_004143.1; NP_001287949.1
Human GeneID(s): 4946

Immunogen

Peptide with sequence C-SRLTDAKRINWRT, from the internal region of the protein sequence according to NP_004143.1; NP_001287949.1.

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 1:128000.
Western blot: Approx. 25kDa band observed in Human Kidney lysates (calculated MW of 25.4kDa according to NP_004143.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

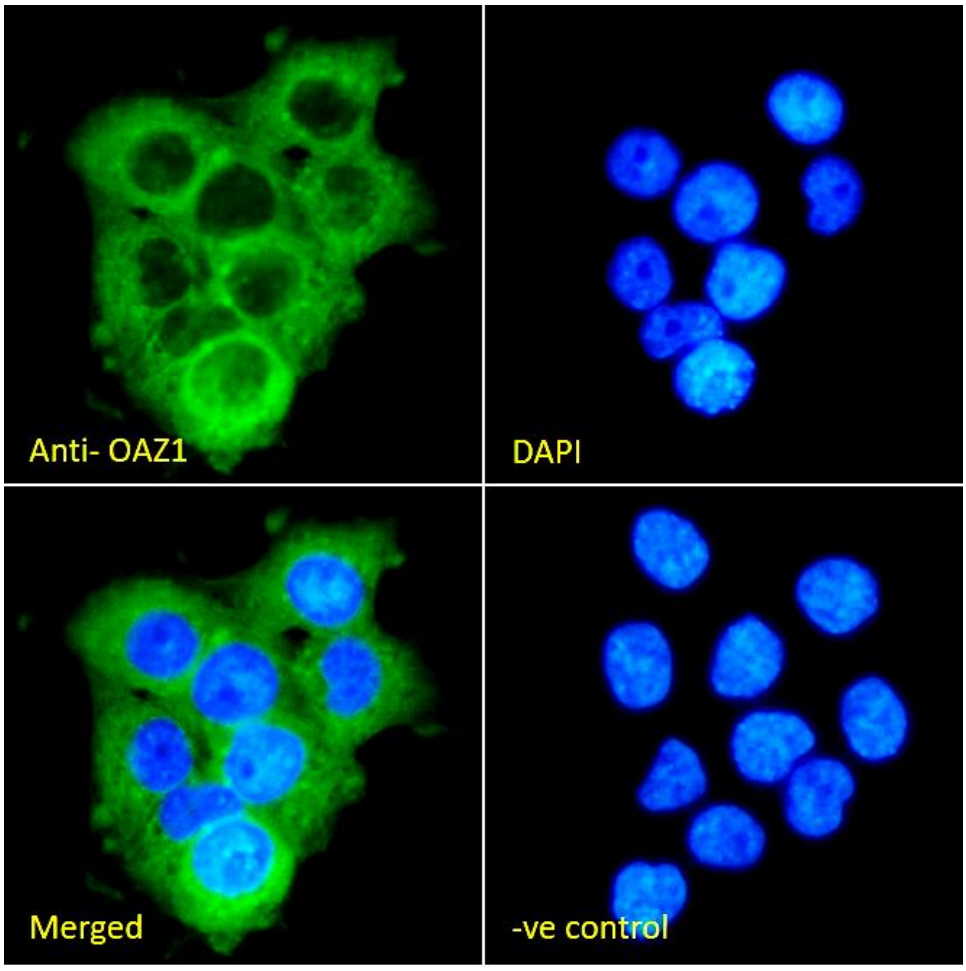
Immunofluorescence: Strong expression of the protein seen in A431 and U2OS cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

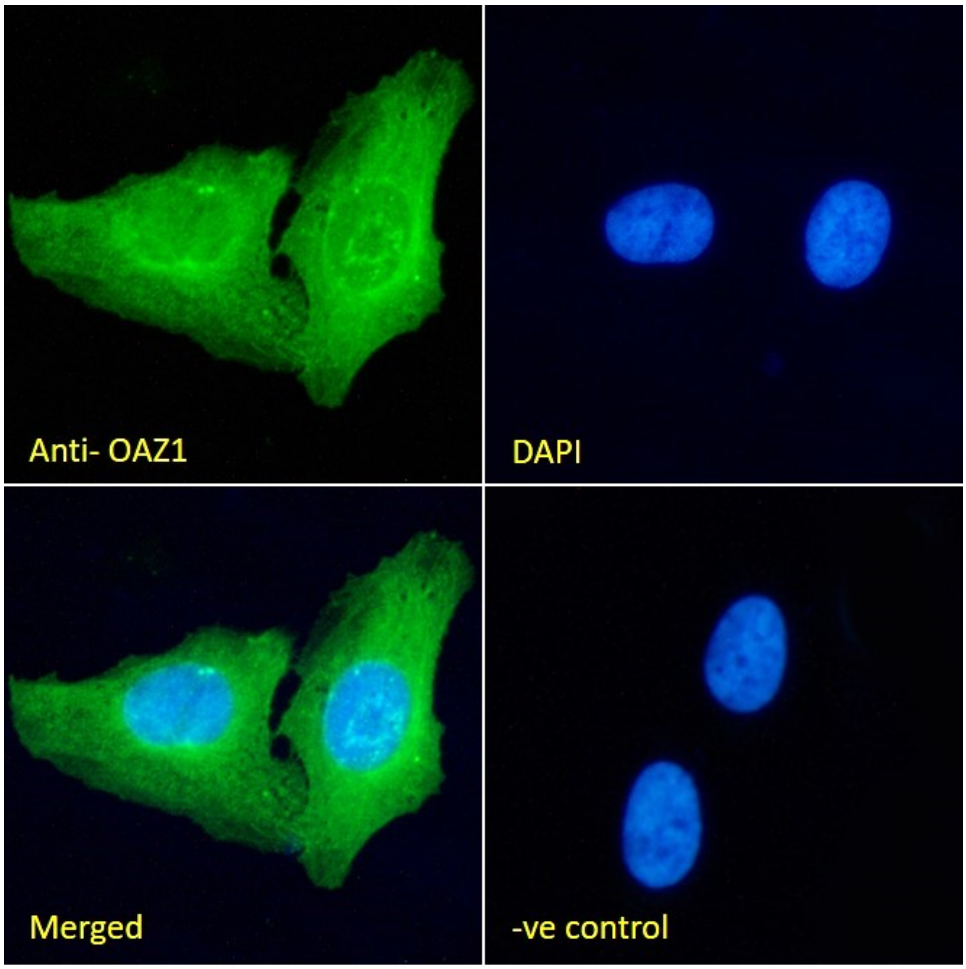
Species Reactivity

Tested: Human
Expected from sequence similarity: Human

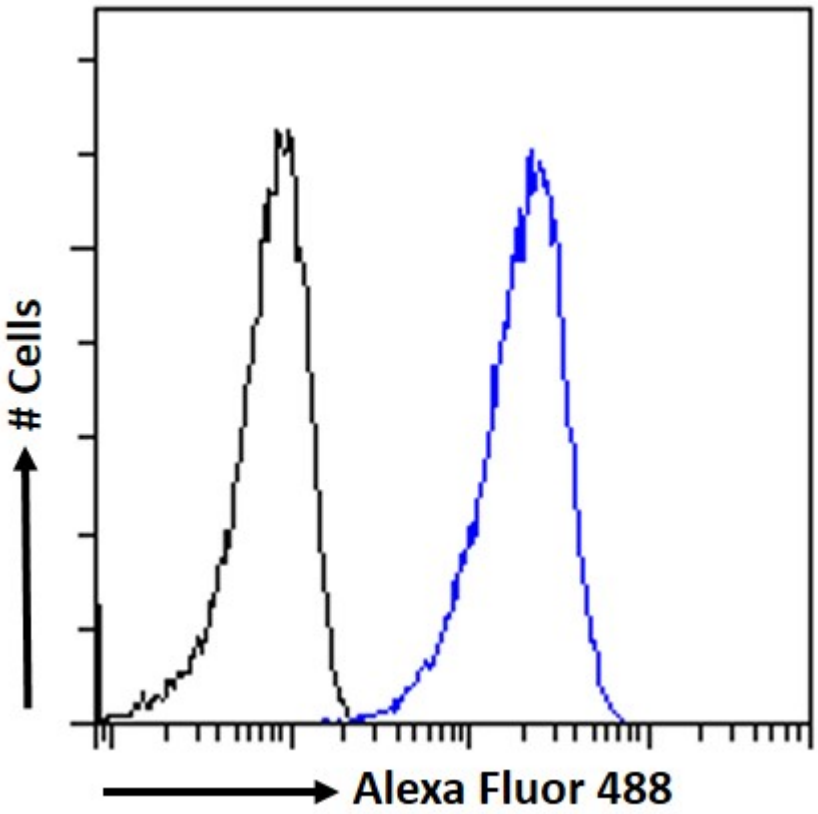
EB12910 (0.3µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB12910 Immunofluorescence analysis of paraformaldehyde fixed A431 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).



EB12910 Immunofluorescence 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 cytoplasmic/vesicle staining, and potential centriolar satellite staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB12910 Flow cytometric analysis of paraformaldehyde fixed A431 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.