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Research Use Only. Not for diagnostic or therapeutic use.

EB07778 - Goat Anti-DAX1 / NR0B1 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: NR0B1, DAX1, nuclear receptor subfamily 0, group B, member 1, AHC, AHCH, AHX, DAX-1, DSS, GTD, HHG, NROB1, dosage-sensitive sex reversal, gonadotropin deficiency, nuclear hormone receptor
Official Symbol: NR0B1
Accession Number(s): NP_000466.2
Human GeneID(s): 190

Immunogen

Peptide with sequence CGEDHPQQGSTLY, from the internal region of the protein sequence according to NP_000466.2.

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

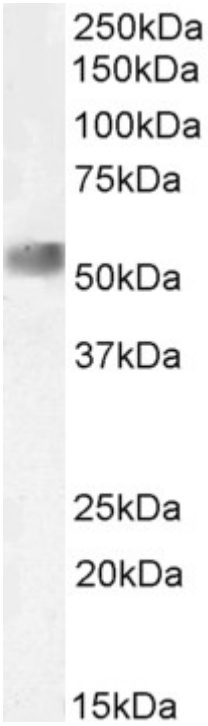
Peptide ELISA: antibody detection limit dilution 1:32000.
Western blot: Approx 55kDa band observed in Human Adrenal Gland lysates (calculated MW of 51.7kDa according to NP_000466.2). Recommended concentration: 0.5-2µg/ml. Primary incubation 1 hour at room temperature.

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

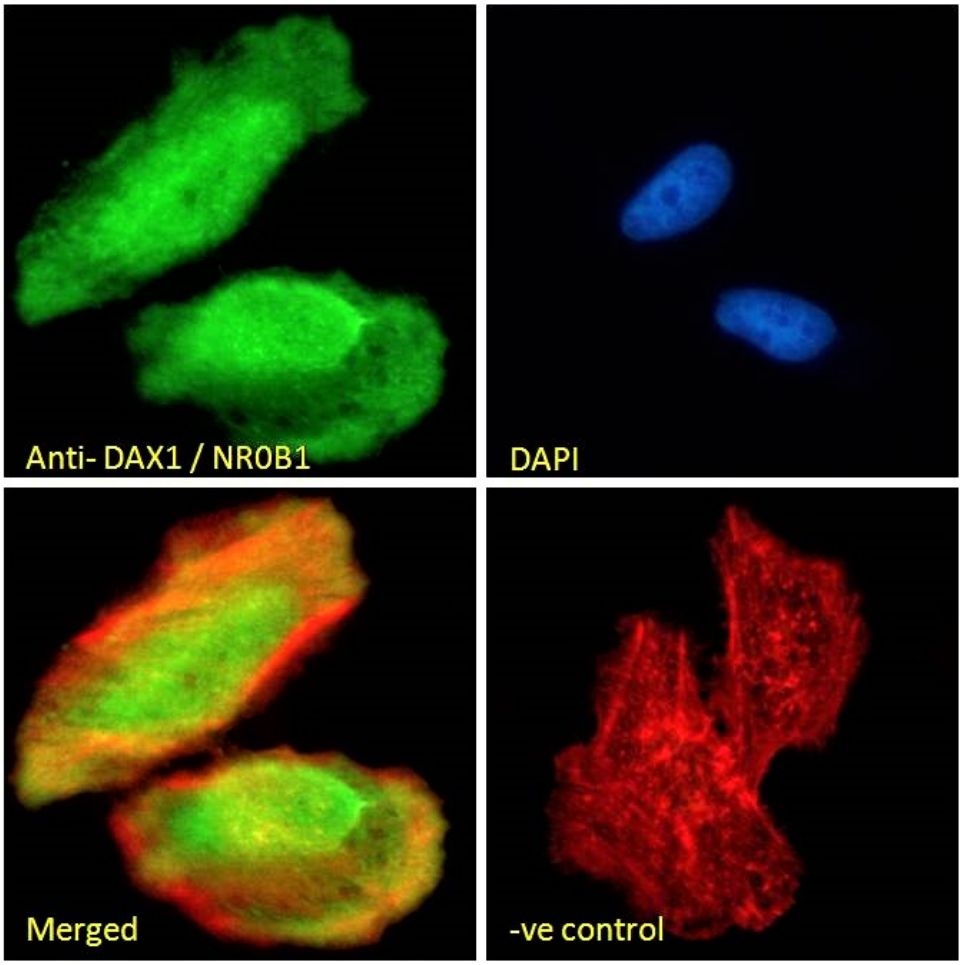
Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human
Expected from sequence similarity: Human

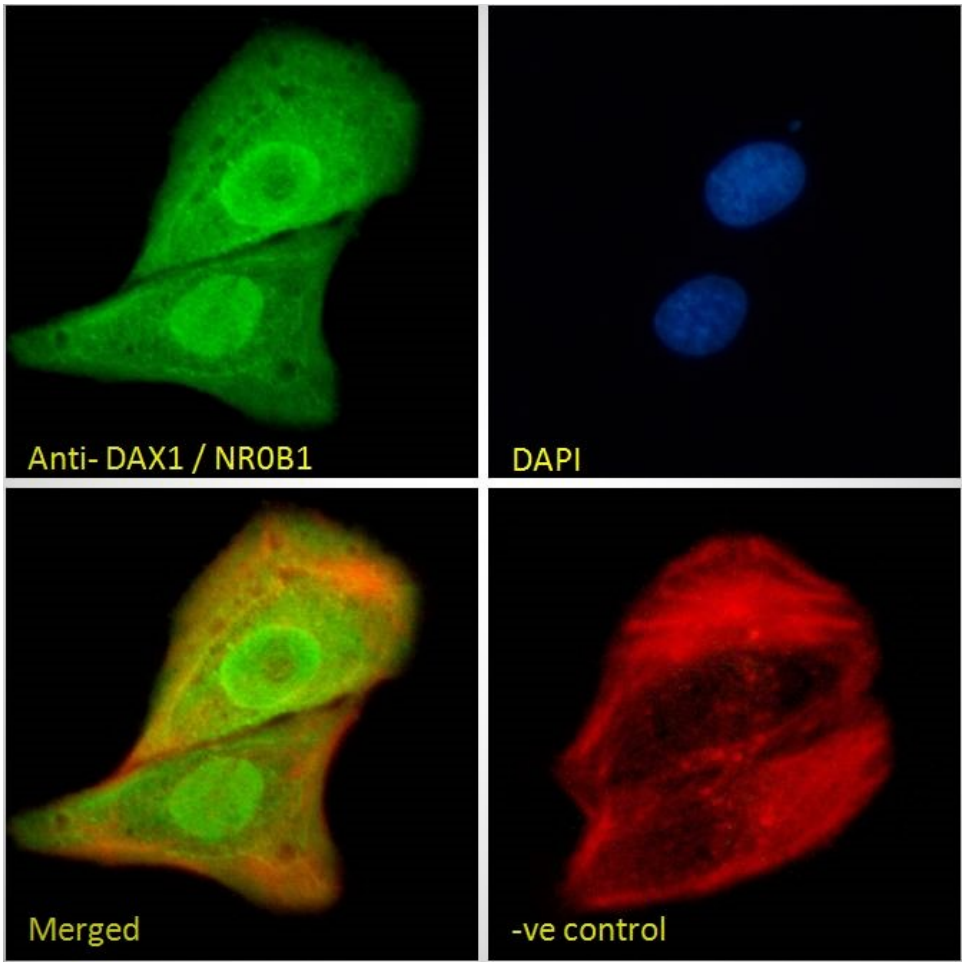


EB07778 (1µg/ml) staining of Human Adrenal Gland lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

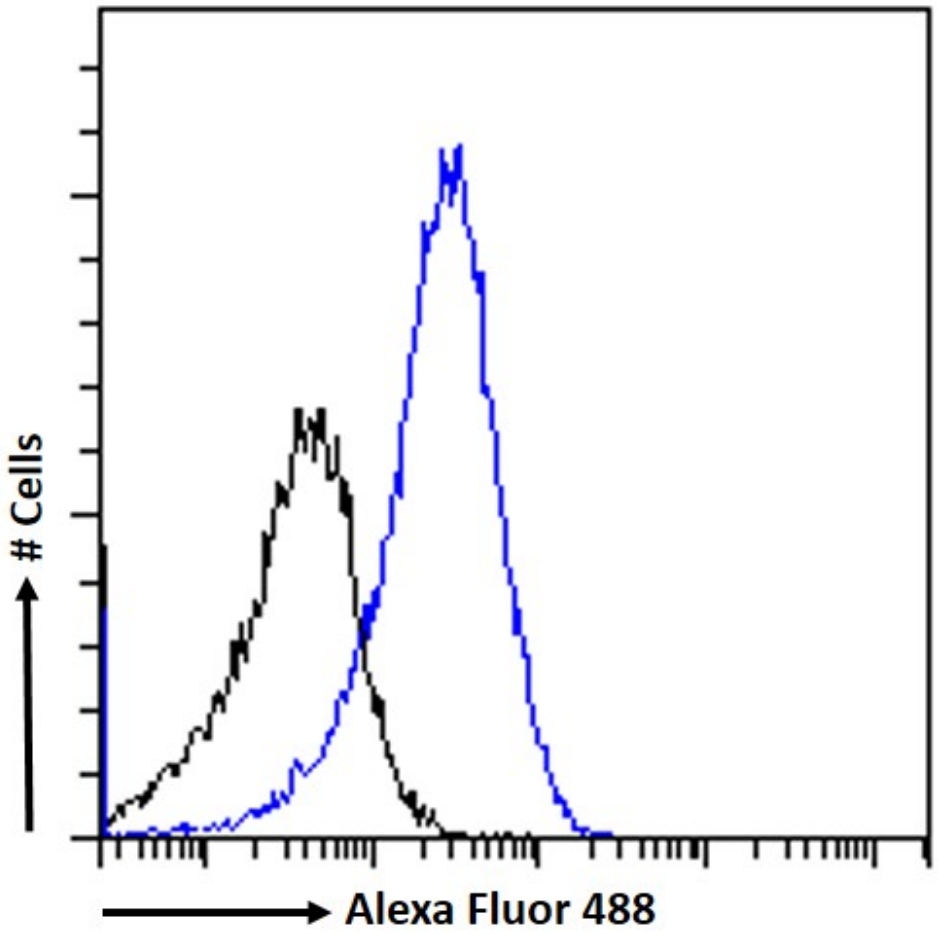


EB07778 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue).

Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07778 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 nuclear and cytoplasmic 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).



EB07778 Flow cytometric analysis of paraformaldehyde fixed HeLa 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.