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

EB07355 - Goat Anti-GTF2IRD1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GTF2IRD1, GTF2I repeat domain containing 1, HGNC:4661, CREAM1, GTF3, MUSTRD1, RBAP2, WBSCR11, WBSCR12, hMusTRD1alpha1, GTF2I repeat domain-containing 1, Williams-Beuren syndrome chromosome region 11, general transcription factor 3, muscle TFII-I repeat

Official Symbol: GTF2IRD1

Accession Number(s): NP_057412.1; NP_005676.3; NP_001186136.1

Human GeneID(s): [9569](#)

Non-Human GeneID(s): 57080 (mouse), 246770 (rat)

Immunogen

Peptide with sequence C-NKFTKDTTKLEPAS, from the internal region of the protein sequence according to NP_057412.1; NP_005676.3; NP_001186136.1.

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 1:64000.

Western blot: Approx 110kDa band observed in nuclear lysates of cell line Jurkat (calculated MW of 106kDa according to NP_057412.1). Recommended concentration: 0.5-1µg/ml. Primary incubation 1 hour at room temperature.

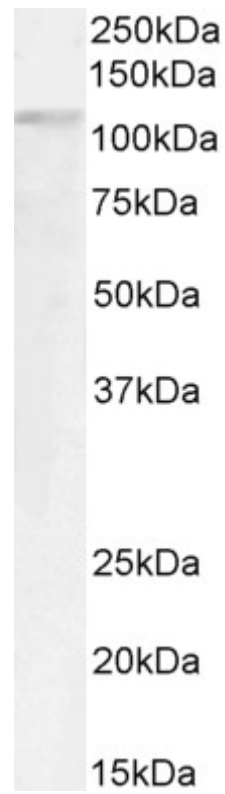
Immunofluorescence: Strong expression of the protein seen in the nuclei and cytoplasm of A431 and U2OS cells. Recommended concentration: 10µg/ml.

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

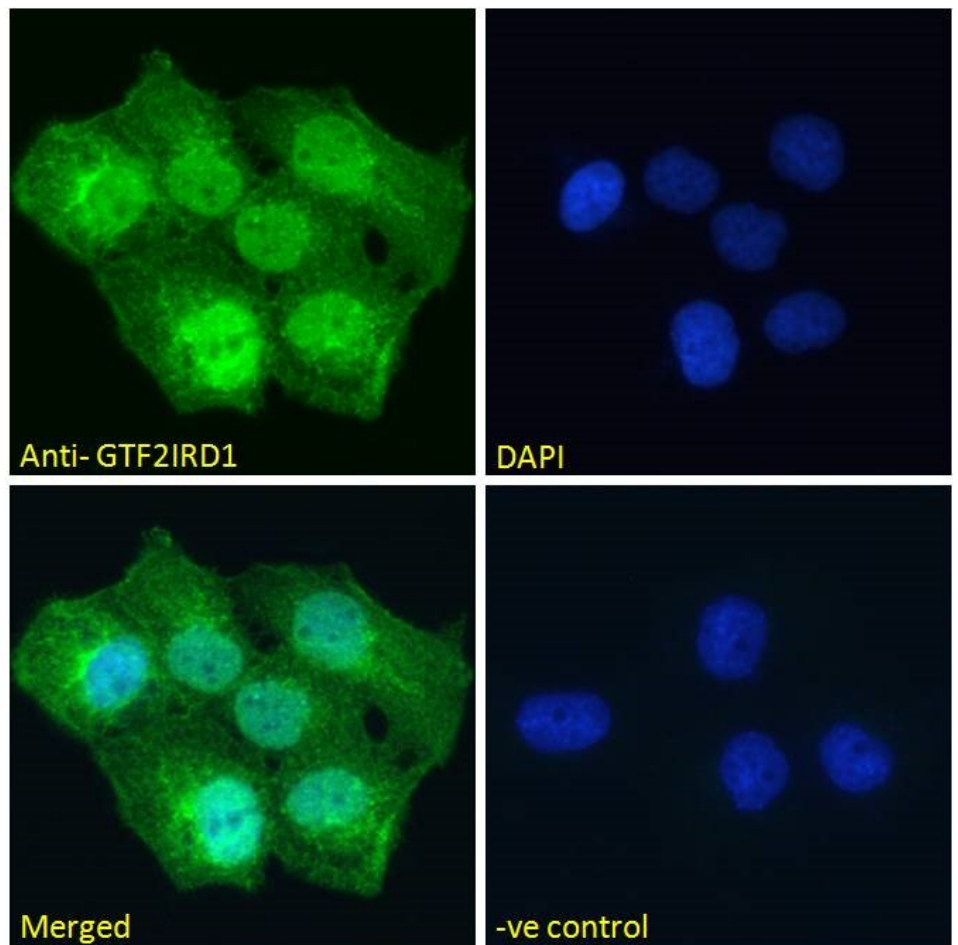
Species Reactivity

Tested: Human

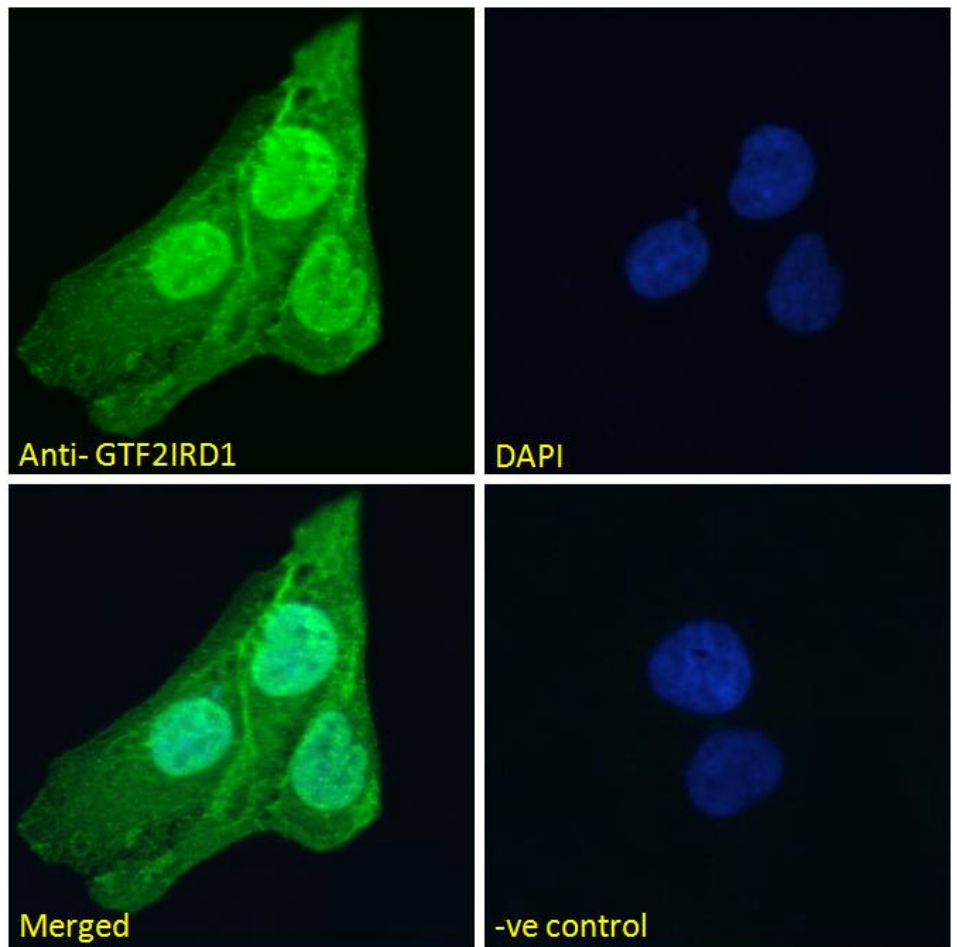
Expected from sequence similarity: Human, Mouse, Rat, Dog



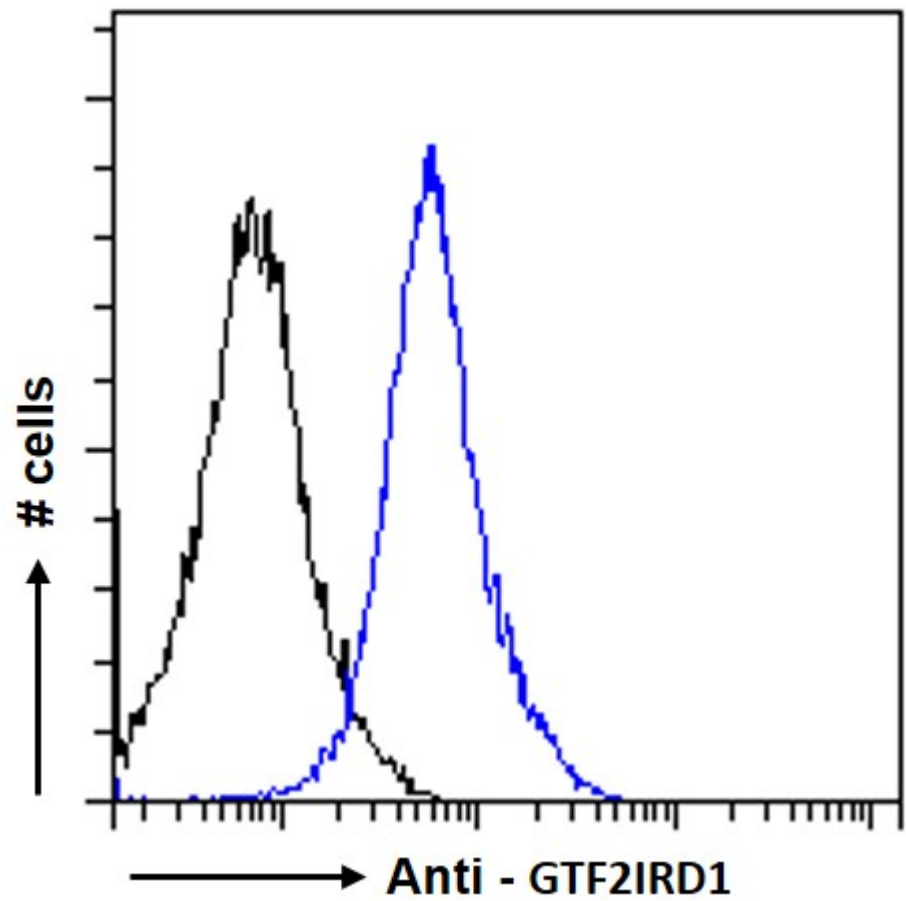
EB07355 (0.5µg/ml) staining of Jurkat nuclear cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB07355 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 nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07355 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 strong nuclear and cytoplasmic staining and some plasma membrane staining . The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07355 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.