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Research Use Only. Not for diagnostic or therapeutic use.

EB06060 - Goat Anti-FBXO44 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FBG3, FBX30, Fbx44, Fbxo6a, MGC14140, F-box gene 3, F-box

protein FBX30, F-box protein 44

Official Symbol: FBXO44

Accession Number(s): NP_904319.1; NP_001317284.1

Human GeneID(s): 93611

Immunogen

Peptide with sequence C-AALTPPEPPSAEP, from the C Terminus of the protein sequence according to NP_904319.1; NP_001317284.1.

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 testing showed a band at approx 26kDa in Human Kidney lysate after 2µg/ml antibody staining (calculated MW of 25.7kDa according to NP_904319.1). Primary incubation 1 hour at room temperature.

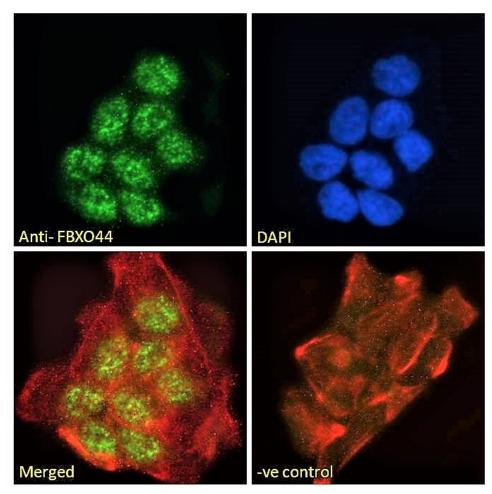
Immunofluorescence: Strong expression of the protein seen in the nuclei of A431 and U2OS cells. Recommended concentration: 10µg/ml.

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

Species Reactivity

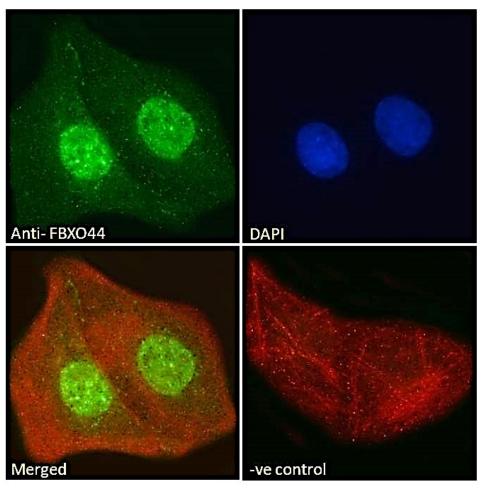
Tested: Human

Expected from sequence similarity: Human



EB06060 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 staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control:

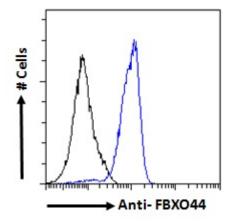
Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB06060 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 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).



EB06060 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.