



## UK Office

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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.