

## UK Office

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

## EB06041 - Goat Anti-FBL2 / FBXL2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FBXL2, FBL2, F-box and leucine-rich repeat protein 2, FBL3, DKFZP564P0622, F-box protein containing leucine-rich repeats

**Official Symbol:** FBXL2

**Accession Number(s):** NP\_036289.2

**Human GeneID(s):** [25827](#)

### Immunogen

Peptide with sequence VFSNNDEGLINKK-C, from the N Terminus of the protein sequence according to NP\_036289.2.

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 1:128000.

**Western blot:** Preliminary testing showed a band at approx 48kDa in Human Kidney lysate after 0.1µg/ml antibody staining (calculated MW of 47.1kDa according to NP\_036289.2). Primary incubation 1 hour at room temperature.

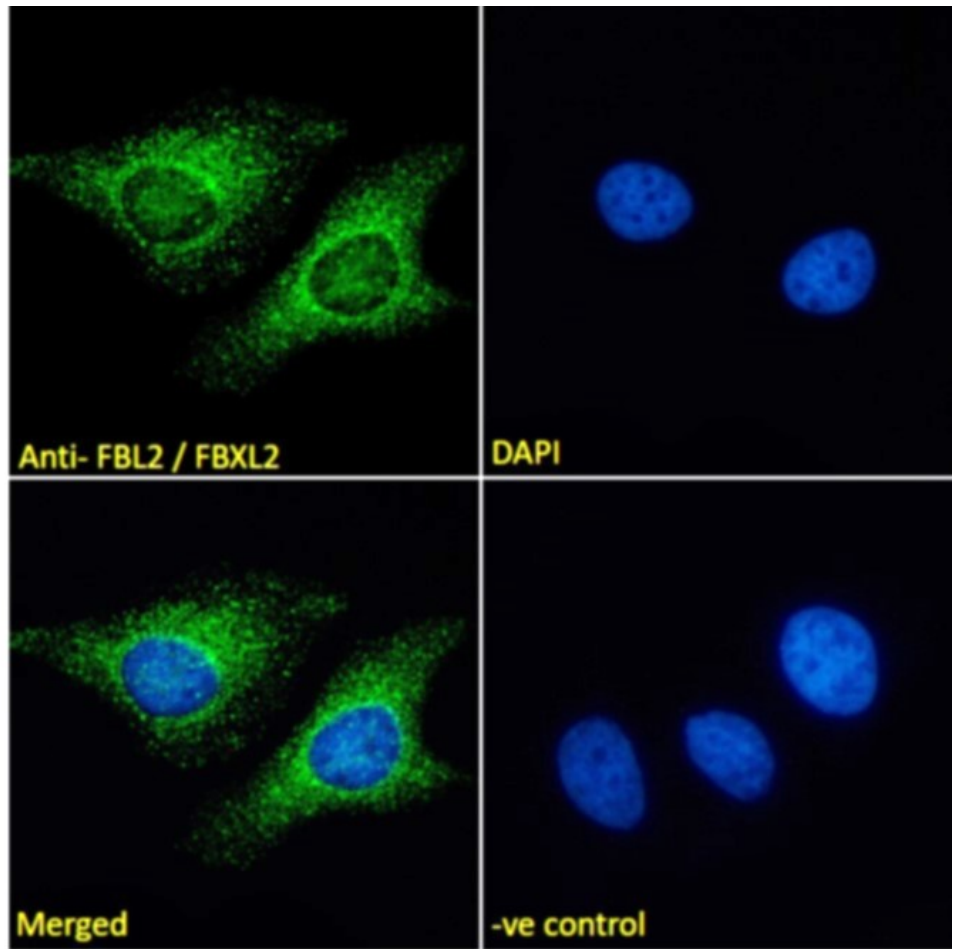
**IHC:** Paraffin embedded Human Cortex. Recommended concentration: 8µg/ml.

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

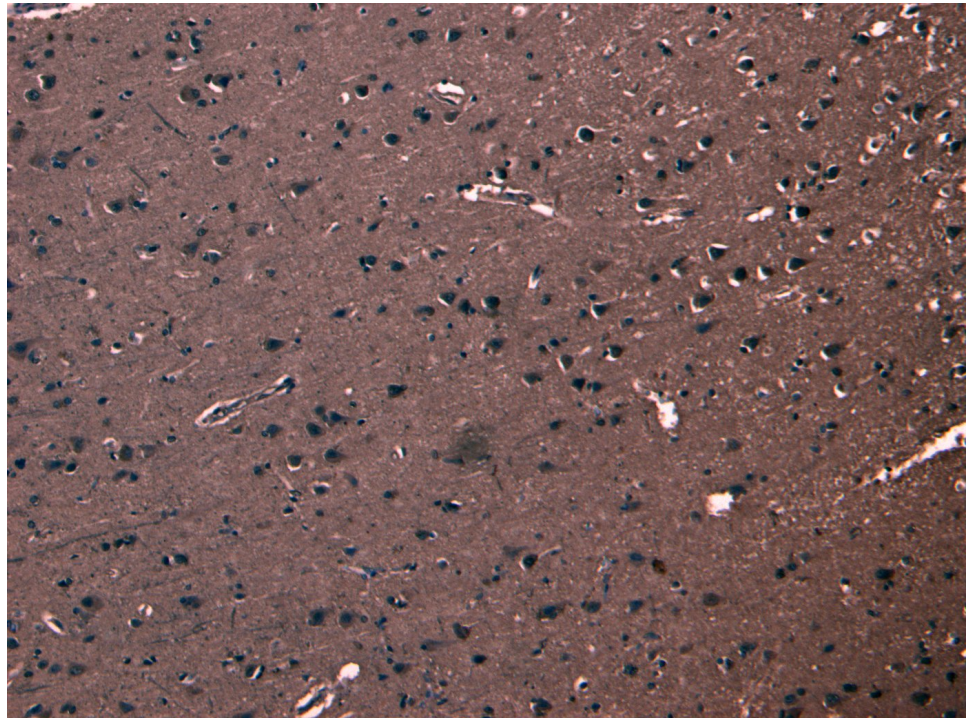
### Species Reactivity

**Tested:** Human

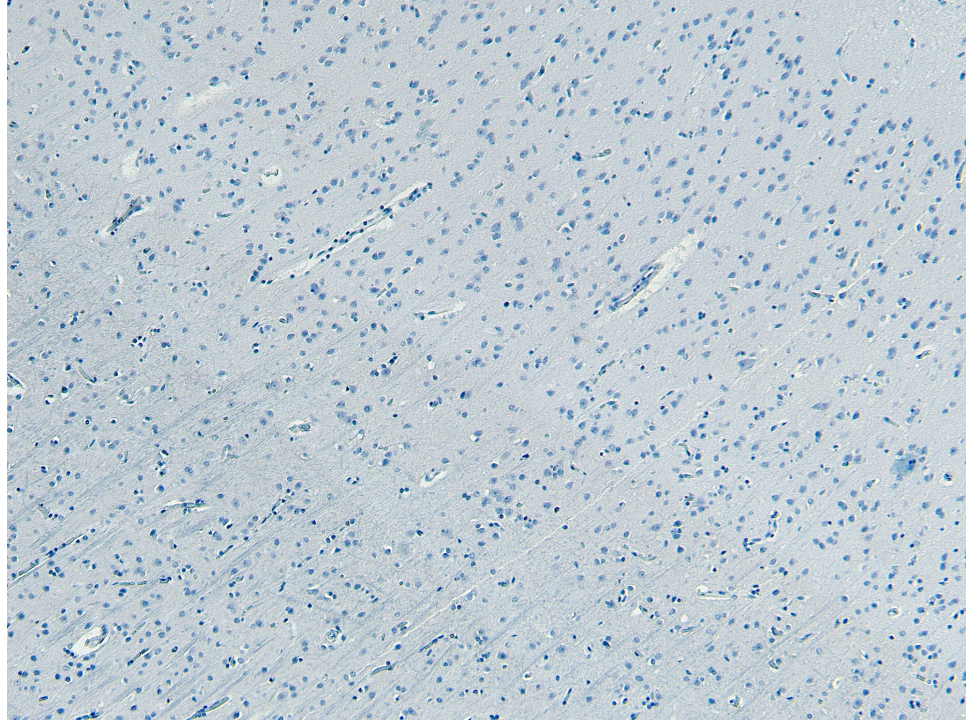
**Expected from sequence similarity:** Human, Rat, Dog, Cow



EB06041 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 cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB06041 (8 $\mu$ g/ml) staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06041 Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.