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Research Use Only. Not for diagnostic or therapeutic use.

EB07377 - Goat Anti-GBX2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GBX2, gastrulation brain homeobox 2, gastrulation brain homeo box 2

Official Symbol: GBX2

Accession Number(s): NP_001476.2

Human GeneID(s): 2637

Non-Human GeneID(s): 14472 (mouse), 114500 (rat)

Immunogen

Peptide with sequence C-QGKDESKVEDDPK, from the internal region of the protein sequence according to NP_001476.2.

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 1:8000.

IHC: Paraffin embedded Human Brain (Cortex) and Placenta. Recommended

concentration: 5µg/ml.

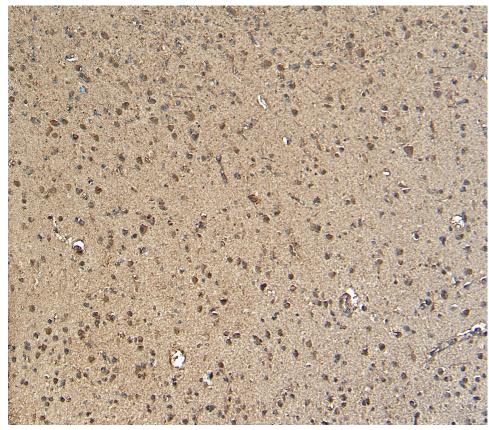
Immunofluorescence: Strong expression of the protein seen in the nucleus of HeLa and

U2OS cells. Recommended concentration: 10µg/ml.

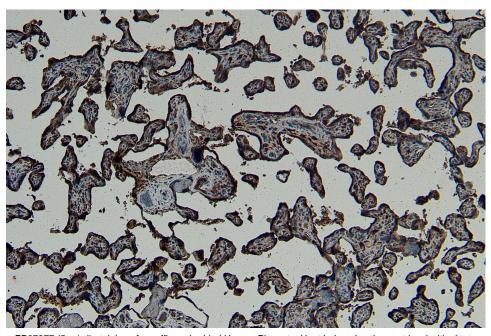
Species Reactivity

Tested: Human

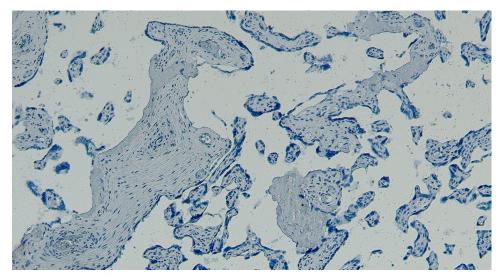
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



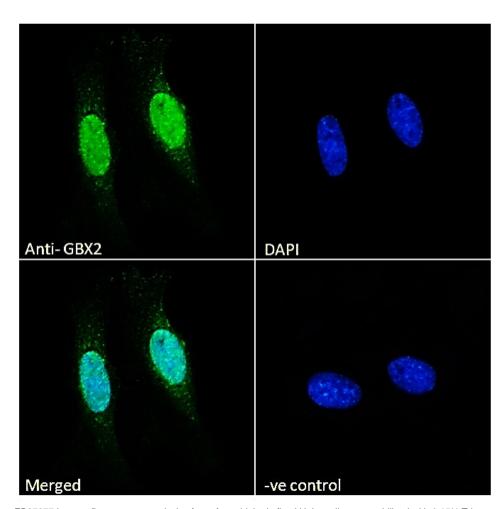
 $EB07377~(5\mu g/ml)~staining~of~paraffin~embedded~Human~Cortex.~Heat~induced~antigen~retrieval~with~citrate~buffer~pH~6,~HRP-staining.$



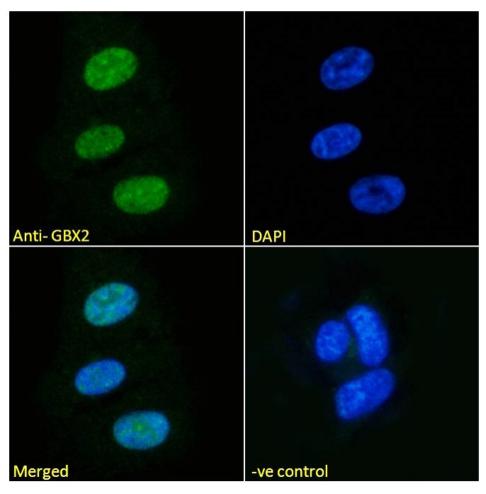
EB07377 ($5\mu g/ml$) staining of paraffin embedded Human Placenta. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB07377 Negative Control showing staining of paraffin embedded Human Placenta, with no primary antibody.



EB07377 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 staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07377 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. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).