

Product Datasheet

GBX2 Antibody NB100-55393

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 3

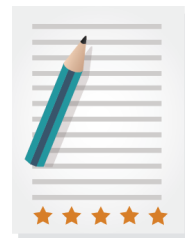
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NB100-55393**GBX2 Antibody**

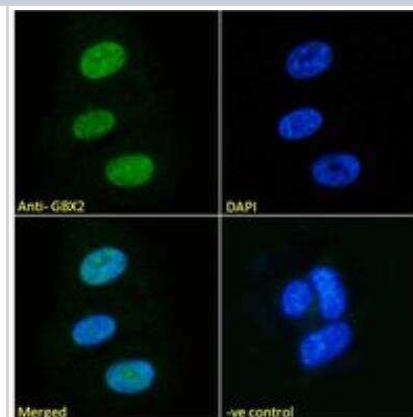
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	2637
Gene Symbol	GBX2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 23144817).
Immunogen	Peptide with sequence C-QGKDESKVEDDPK corresponding to internal region according to NP_001476.2.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml, Peptide ELISA Detection limit 1:18000
Application Notes	IHC-P: Human placenta shows nuclear staining of selected trophoblasts. IHC: In paraffin embedded Human Placenta shows nuclear staining of selected trophoblasts. WB reactivity reported in (PMID: 23144817).

Images

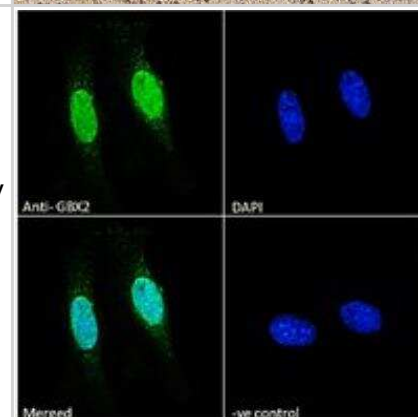
Immunocytochemistry/Immunofluorescence: GBX2 Antibody [NB100-55393] - Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



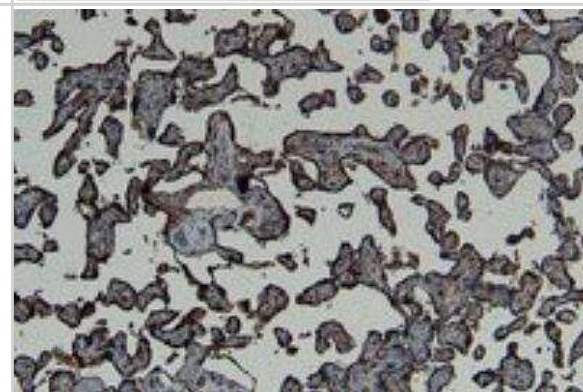
Immunohistochemistry-Paraffin: GBX2 Antibody [NB100-55393] - Staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



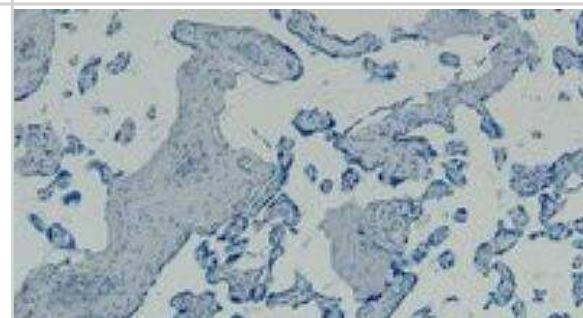
Immunocytochemistry/Immunofluorescence: GBX2 Antibody [NB100-55393] - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunohistochemistry-Paraffin: GBX2 Antibody [NB100-55393] - Staining of paraffin embedded Human Placenta at dilution of 5ug/ml. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Immunohistochemistry-Paraffin: GBX2 Antibody [NB100-55393] - Negative Control showing staining of paraffin embedded Human Placenta, with no primary antibody.



Publications

Palmqvist L, Glover CH, Hsu L et al. Correlation of murine embryonic stem cell gene expression profiles with functional measures of pluripotency. *Stem Cells* 2005-05-01 [PMID: 15849174]

Roeseler DA, Sachdev S, Buckley DM et al. Elongation Factor 1 alpha1 and Genes Associated with Usher Syndromes Are Downstream Targets of GBX2 *PLoS One* 2012-01-01 [PMID: 23144817] (WB, Mouse, Human)

Burroughs-Garcia J, Sittaramane V, Chandrasekhar A, Waters ST. Evolutionarily conserved function of Gbx2 in anterior hindbrain development. *Dev Dyn*. 2011-02-28 [PMID: 21360792]





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Products Related to NB100-55393

NB800-PC2	Jurkat Whole Cell Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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