

## ARG64106 anti-GBX2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes GBX2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	ICC/IF, IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GBX2
Species	Human
Immunogen	C-QGKDESKVEDDPK
Conjugation	Un-conjugated
Alternate Names	Homeobox protein GBX-2; Gastrulation and brain-specific homeobox protein 2

### Application Instructions

Application table	Application	Dilution
	ICC/IF	10 µg/ml
	IHC-P	3 - 8 µg/ml
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

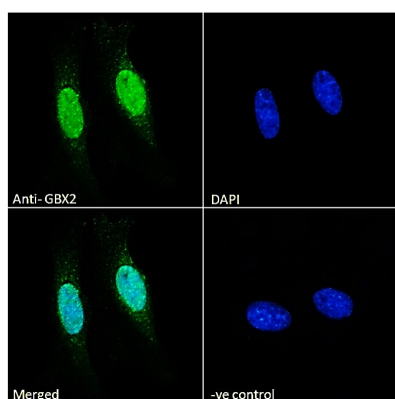
### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

## Bioinformation

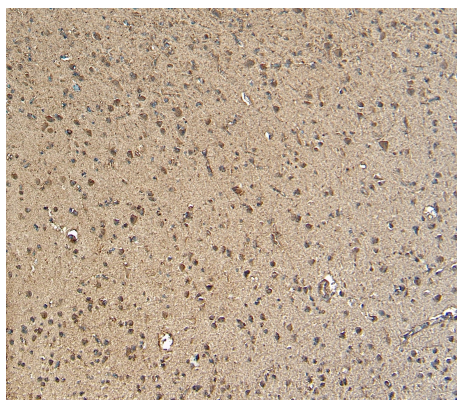
Database links	<a href="#">GeneID: 2637 Human</a> <a href="#">Swiss-port # P52951 Human</a>
Gene Symbol	GBX2
Gene Full Name	gastrulation brain homeobox 2
Function	May act as a transcription factor for cell pluripotency and differentiation in the embryo. [UniProt]
Research Area	Gene Regulation antibody; Neuroscience antibody
Calculated Mw	37 kDa

## Images



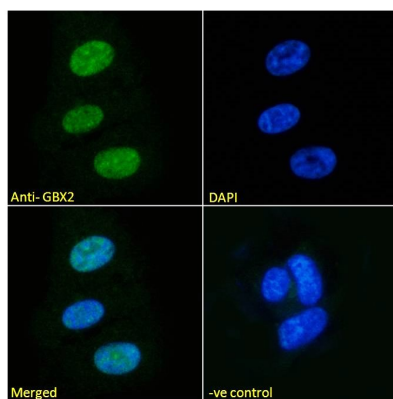
ARG64106 anti-GBX2 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed HeLa cells permeabilized with 0.15% Triton. Cells were stained with ARG64106 anti-GBX2 antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



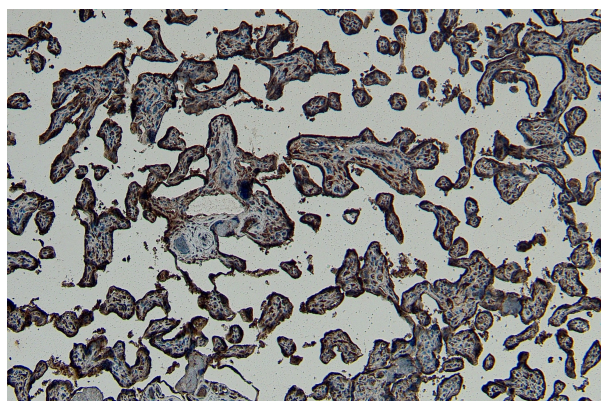
ARG64106 anti-GBX2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). The tissue section was stained with ARG64106 anti-GBX2 antibody at 5 µg/ml dilution followed by HRP-staining.



ARG64106 anti-GBX2 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed U2OS cells permeabilized with 0.15% Triton. Cells were stained with ARG64106 anti-GBX2 antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



ARG64106 anti-GBX2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). The tissue section was stained with ARG64106 anti-GBX2 antibody at 5 µg/ml dilution followed by HRP-staining.