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Datasheet for ABIN1387636
anti-TOX2 antibody (AA 201-300)

1 Image

Overview

Quantity:	100 µL
Target:	TOX2
Binding Specificity:	AA 201-300
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOX2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Dot Blot (DB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GCX1/C20orf100
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	TOX2
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Target Details

Alternative Name: GCX1/C20orf100 ([TOX2 Products](#))

Background: Synonyms: Chromosome 20 open reading frame 100, Chromosome 20 open reading frame 100, dJ1108D11.2, dJ49503.1, GCX 1, GCX1, GCX-1, Granulosa cell HMG box protein 1, MGC15880, Weakly similar to NONHISTONE CHROMOSOMAL PROTEIN 6A [*S.cerevisiae*], Weakly similar to NONHISTONE CHROMOSOMAL PROTEIN 6A [*S.cerevisiae*], TOX2_HUMAN. Background: GCX-1 is a 488 amino acid transcription activator that is restricted to expression in the hypothalamus, pituitary, ovary, testis and uterus. Human reproduction is controlled by the hypothalamic-pituitary gonadal axis (HPGA) that is laid down early in fetal development. This expression pattern in the HPGA suggests that this nuclear protein is likely related to specific events in reproduction, particularly in the female. GCX-1 contains a HMG-box domain, which is commonly found in proteins that function as intercellular regulators and transcriptional co-regulators, and are found to be involved in important events such as sex determination and in the regulation of T cell differentiation. There are two isoforms of GCX-1 which are produced as a result of alternative splicing events.

Gene ID: 84969

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
dot-blot()
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

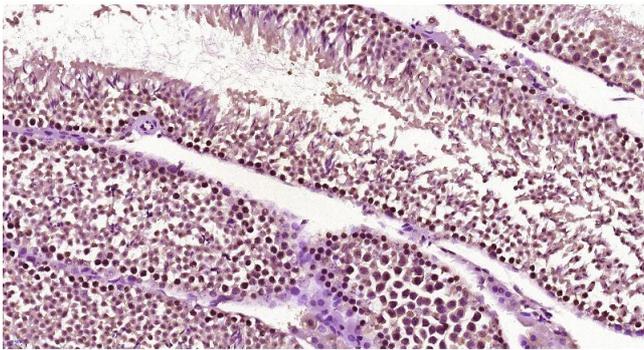
Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded Mouse testis, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with GCX1 /C20orf100 Polyclonal Antibody, Unconjugated (bs-11402R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody and DAB staining.