

GCX1/C20orf100 Rabbit pAb

Catalog # AP97762

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96NM4
Other Accession	Q96NM4
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51604
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GCX1/C20orf100
Epitope Specificity	201-300/488
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 HMG box DNA-binding domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	84969
Other Names	C20orf100; GCX-1; GCX1; dj1108D11.2; dj495O3.1; RxHMG1; TOX2_HUMAN; TOX2; Granulosa cell HMG box protein 1 (GCX-1); TOX2_RAT; TOX high mobility group box family member 2; chromosome 20 open reading frame 100; granulosa cell HMG box 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TOX2
Synonyms	C20orf100, GCX1
Function	Putative transcriptional activator involved in the hypothalamo-pituitary-gonadal system.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00267}.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.