

SOX14 Rabbit pAb

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Catalog # AP54558

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O95416
Predicted	Human, Mouse, Rat, Chicken, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26485
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SOX14
Epitope Specificity	51-150/240
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nuclear
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	Sox genes comprise a family of genes that are related to the mammalian sex determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. Sox genes encode putative transcriptional regulators implicated in the decision of cell fates during development and the control of diverse developmental processes. The highly complex group of Sox genes cluster at least 40 different loci that rapidly diverged in various animal lineages. At present, 30 Sox genes have been identified. Members of this family have been shown to be conserved during evolution and to play key roles during animal development. Some are involved in human diseases, including sex reversal.

Additional Information

Gene ID	8403
Other Names	Transcription factor SOX-14, Protein SOX-28, SOX14, SOX28
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	SOX14
Synonyms	SOX28
Function	Acts as a negative regulator of transcription.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00267}.

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