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PKNOX1 Rabbit pAb

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Catalog # AP54938

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P55347
Reactivity	Rat
Predicted	Dog, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47607
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PKNOX1
Epitope Specificity	21-120/436
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	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	5316
Other Names	Homeobox protein PKNOX1, Homeobox protein PREP-1, PBX/knotted homeobox 1, PKNOX1 {ECO:0000303|PubMed:9479508, ECO:0000312|HGNC:HGNC:9022}
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

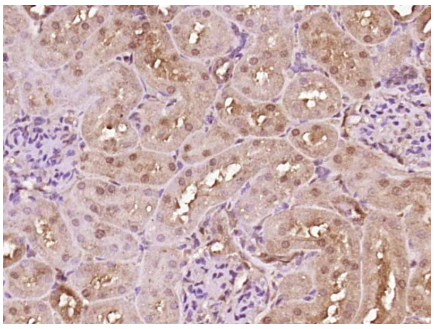
Name	PKNOX1 {ECO:0000303|PubMed:9479508, ECO:0000312|HGNC:HGNC:9022}
Function	Activates transcription in the presence of PBX1A and HOXA1.
Cellular Location	Nucleus.
Tissue Location	Ubiquitous. Isoform 2 is expressed in all examined tissues except in bone

marrow.

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Rat kidney); 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 (PKNOX1) Polyclonal Antibody, Unconjugated (AP54938) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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