

PKNOX1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54938

Specification

PKNOX1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	P55347
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48 KDa
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.
SIMILARITY	Belongs to the TALE/MEIS homeobox family. Contains 1 homeobox DNA-binding domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PKNOX1 Polyclonal Antibody - Additional Information

Gene ID 5316

Other Names

Homeobox protein PKNOX1, Homeobox protein PREP-1, PBX/knotted homeobox 1, PKNOX1, PREP1

Target/Specificity

Ubiquitous. Isoform 2 is expressed in all examined tissues except in bone marrow.

Dilution

IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
ICC~~N/A

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.

PKNOX1 Polyclonal Antibody - 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

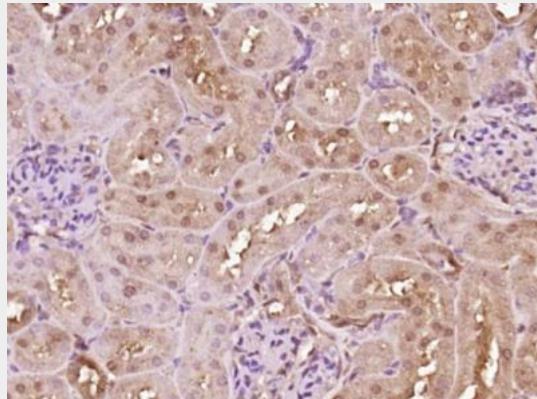
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PKNOX1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PKNOX1 Polyclonal Antibody - 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 (bs-12695R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.