

Rabbit anti-Human, Mouse PKNOX2 Polyclonal Antibody | anti-PKNOX2 antibody

PKNOX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324096	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

PKNOX2; Polyclonal Antibody; PKNOX2 Antibody; FLJ13074; Homeobox protein PKNOX2; Homeobox protein PREP 2; Homeobox protein PREP-2; PBX/knotted 1 homeobox 2; PBX/knotted homeobox 2; PKNX2_HUMAN; PREP2; anti-PKNOX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PKNOX2 antibody detects endogenous levels of total PKNOX2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	472
Applicable Applications for anti-PKNOX2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324096 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using PKNOX2 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PKNOX2 antibody	Similarity: Belongs to the TALE/MEIS homeobox family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116812644
NCBI GeneID	63876
NCBI Accession #	NP_071345.2
NCBI GenBank Nucleotide #	NM_022062.2
UniProt Accession #	Q96KN3; Q63HL6; Q86XD1; B7Z5I5; F5GZ15
Molecular Weight	Observed: 55 kD Predicted: 53 kDa
NCBI Official Full Name	homeobox protein PKNOX2
NCBI Official Synonym Full Names	PBX/knotted 1 homeobox 2
NCBI Official Symbol	PKNOX2
NCBI Official Synonym Symbols	PREP2
NCBI Protein Information	homeobox protein PKNOX2
UniProt Protein Name	Homeobox protein PKNOX2
UniProt Gene Name	PKNOX2
UniProt Synonym Gene Names	PREP2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pknox2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324096>