

Anti-PKNOX2 Antibody

Catalog # AP51430

Product Information

Application	WB, IHC
Primary Accession	Q96KN3
Reactivity	Human, Mouse, Rat, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52028

Additional Information

Gene ID	63876
Other Names	PREP2; Homeobox protein PKNOX2; Homeobox protein PREP-2; PBX/knotted homeobox 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PKNOX2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

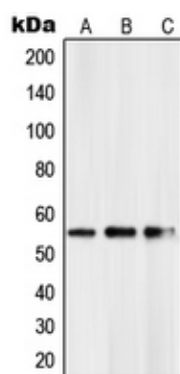
Protein Information

Name	PKNOX2
Synonyms	PREP2
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00108, ECO:0000269 PubMed:11549286}

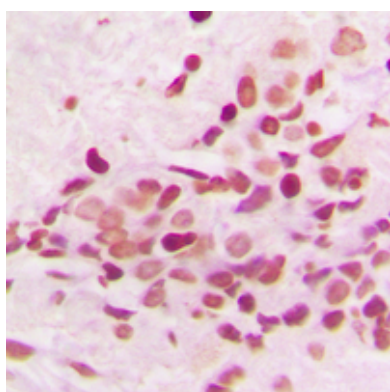
References

Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Imoto I.,et al.Biochem. Biophys. Res. Commun. 287:270-276(2001).
Fognani C.,et al.Nucleic Acids Res. 30:2043-2051(2002).

Images



Western blot analysis of PKNOX2 expression in HeLa (A), mouse kidney (B), rat kidney (C) whole cell lysates. (Predicted band size: 52 kD; Observed band size: 55 kD)



Immunohistochemical analysis of PKNOX2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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