

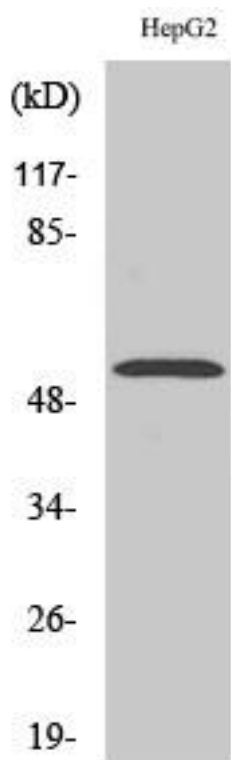


PREP-2 Monoclonal Antibody

Catalog No	YP-mAb-15799
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	PKNOX2
Protein Name	Homeobox protein PKNOX2
Immunogen	The antiserum was produced against synthesized peptide derived from human PKNOX2. AA range:341-390
Specificity	PREP-2 Monoclonal Antibody detects endogenous levels of PREP-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PKNOX2; PREP2; Homeobox protein PKNOX2; Homeobox protein PREP-2; PBX/knotted homeobox 2
Observed Band	55kD
Cell Pathway	Nucleus .
Tissue Specificity	Brain,Small intestine,
Function	similarity:Belongs to the TALE/MEIS homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,
Background	Homeodomain proteins are sequence-specific transcription factors that share a highly conserved DNA-binding domain and play fundamental roles in cell proliferation, differentiation, and death. PKNOX2 belongs to the TALE (3-amino acid loop extension) class of homeodomain proteins characterized by a 3-amino acid extension between alpha helices 1 and 2 within the homeodomain (Imoto et al., 2001 [PubMed 11549286]).[supplied by OMIM, Oct 2009],
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using PREP-2 Monoclonal Antibody