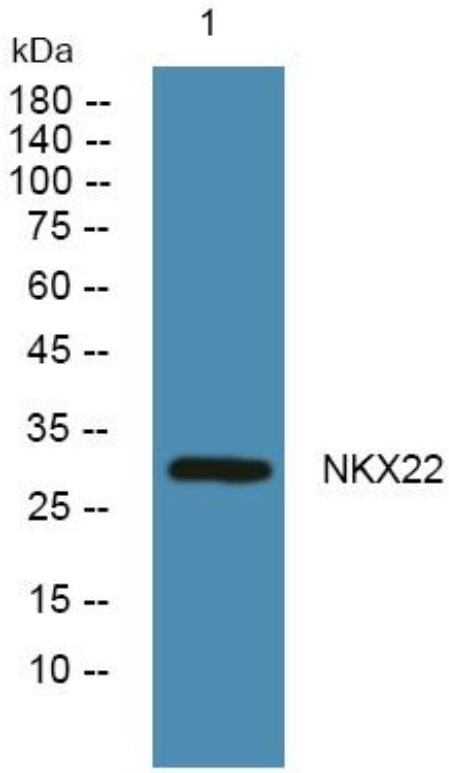
NKX22 Monoclonal Antibody

Catalog No	YP-mAb-05663
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	NKX2-2 NKX2.2 NKX2B
Protein Name	Homeobox protein Nkx-2.2 (Homeobox protein NK-2 homolog B)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	NKX22 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	
Observed Band	30kD
Cell Pathway	Nucleus .
Tissue Specificity	Brain,
Function	domain:The homeodomain is essential for interaction with OLIG2.,function:May be involved in specifying diencephalic neuromeric boundaries, and in controlling the expression of genes that play a role in axonal guidance.,similarity:Belongs to the NK-2 homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,subunit:Interacts with OLIG2.,
Background	The protein encoded by this gene contains a homeobox domain and may be involved in the morphogenesis of the central nervous system. This gene is found on chromosome 20 near NKX2-4, and these two genes appear to be duplicated on chromosome 14 in the form of TITF1 and NKX2-8. The encoded protein is likely to be a nuclear transcription factor. [provided by RefSeq, Jul 2008],
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 NKX22 Monoclonal Antibody