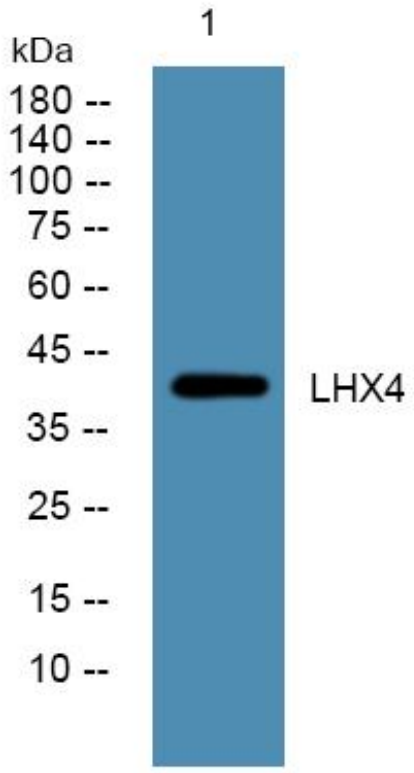
LHX4 Monoclonal Antibody

Catalog No	YP-mAb-05691
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	LHX4
Protein Name	LIM/homeobox protein Lhx4 (LIM homeobox protein 4)
Immunogen	Synthesized peptide derived from human protein . at AA range: 160-240
Specificity	LHX4 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	42kD
Cell Pathway	Nucleus .
Tissue Specificity	Muscle,Placenta,
Function	disease:A chromosomal aberration involving LHX4 may be a cause of acute lymphoblastic leukemia. Translocation t(1;14)(q25;q32) with IGHG1.,disease:Defects in LHX4 are the cause of Machinis syndrome [MIM:606606]. It is characterized by short stature, pituitary and cerebellar defects, and small sella turcica.,function:May play a critical role in the development of respiratory control mechanisms and in the normal growth and maturation of the lung.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 LIM zinc-binding domain.,similarity:Contains 2 LIM zinc-binding domains.,
Background	This gene encodes a member of a large protein family which contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein is a transcription factor involved in the control of differentiation and development of the pituitary gland. Mutations in this gene cause combined pituitary hormone deficiency 4. [provided by RefSeq, Dec 2010],

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 LHX4 Monoclonal Antibody