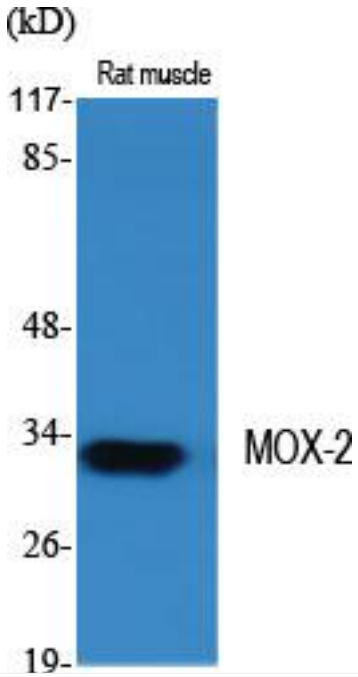
MOX-2 Monoclonal Antibody

Catalog No	YP-mAb-15778
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MEOX2
Protein Name	Homeobox protein MOX-2
Immunogen	The antiserum was produced against synthesized peptide derived from human MEOX2. AA range:151-200
Specificity	MOX-2 Monoclonal Antibody detects endogenous levels of MOX-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	MEOX2; GAX; MOX2; Homeobox protein MOX-2; Growth arrest-specific homeobox; Mesenchyme homeobox 2
Observed Band	33kD
Cell Pathway	Nucleus . Nucleus speckle .
Tissue Specificity	Embryo,Heart,Skin,
Function	function:Role in mesoderm induction and its earliest regional specification, somitogenesis, and myogenic and sclerotomal differentiation. May have a regulatory role when quiescent vascular smooth muscle cells reenter the cell cycle.,polymorphism:The poly-His region of MEOX2 is polymorphic and the number of His varies in the population.,similarity:Contains 1 homeobox DNA-binding domain.,subunit:Interacts with RNF10.,tissue specificity:Embryo and placenta.,
Background	This gene encodes a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. The encoded protein may play a role in the regulation of vertebrate limb myogenesis. Mutations in the related mouse protein may be associated with craniofacial and/or skeletal abnormalities, in addition to neurovascular dysfunction observed in Alzheimer's disease. [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 MOX-2 Monoclonal Antibody