



MOX-2 Polyclonal Antibody

Catalog No	BYab-31407
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
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 Polyclonal Antibody detects endogenous levels of MOX-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
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

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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

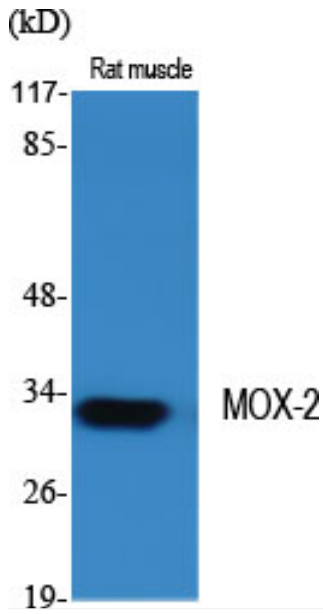
Avoid repeated freezing and thawing!

Usage suggestions

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



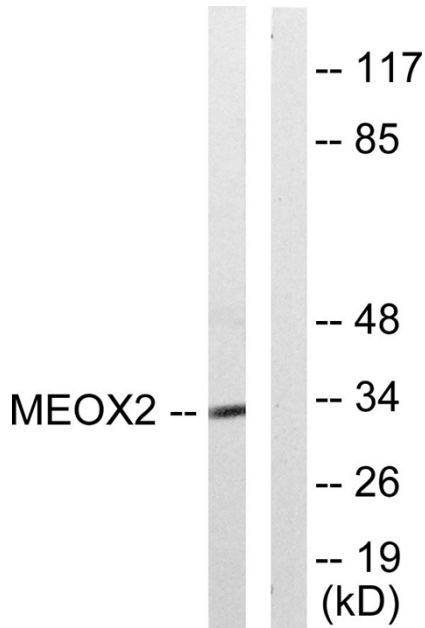
Products Images



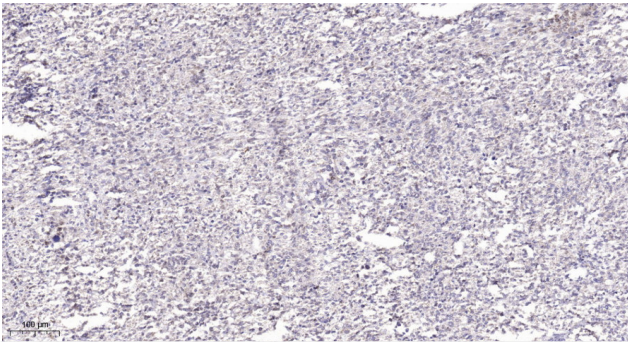
Western Blot analysis of various cells using MOX-2
Polyclonal Antibody diluted at 1:2000



Western Blot analysis of COLO205 cells using MOX-2
Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from COLO205 cells, using MEOX2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Small intestinal stromal tumor. 1, Tris-EDTA, pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).