

Product Name: MOX-2 Rabbit Polyclonal Antibody
Catalog #: APRab14051



Summary

Production Name	MOX-2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MEOX2
Alternative Names	MEOX2; GAX; MOX2; Homeobox protein MOX-2; Growth arrest-specific homeobox; Mesenchyme homeobox 2
Gene ID	4223.0
SwissProt ID	P50222.The antiserum was produced against synthesized peptide derived from human MEOX2. AA range:151-200

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:10000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	33kDa

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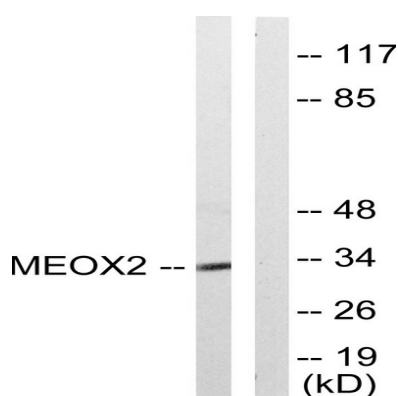


Background

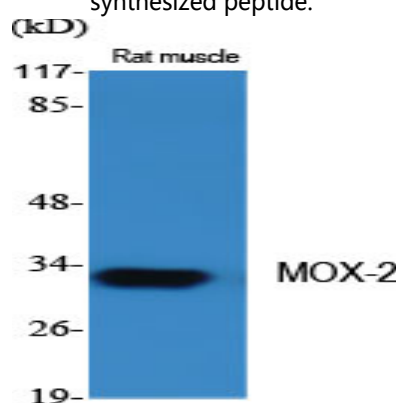
This gene encodes a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. The encoded protein may play a role in the regulation of vertebrate limb myogenesis. Mutations in the related mouse protein may be associated with craniofacial and/or skeletal abnormalities, in addition to neurovascular dysfunction observed in Alzheimer's disease. [provided by RefSeq, Jul 2008],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.,

Research Area

Image Data

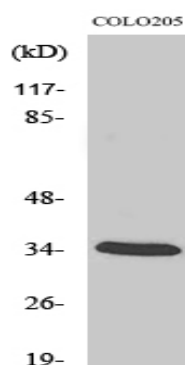


Western blot analysis of lysates from COLO205 cells, using MEOX2 Antibody. The lane on the right is blocked with the synthesized peptide.



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

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

Note

For research use only.