

Anti-MOX1 MEOX1 Antibody

Catalog Number: A02262

About MEOX1

MOX1, also known as MEOX1, is a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes that is first expressed during gastrulation in the early mesoderm and later in presomitic mesoderm, early somites, dermomyotome and sclerotome. Both MOX1 and the related protein MOX2 are required for proper gene expression in all somitic compartments. MOX1 is an upstream regulator of the transcription factors Bapx1, Tbx18, and Uncx and is thus part of a regulatory circuit that functions in the maintenance of rostrocaudal sclerotome polarity and axial skeleton formation.

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Overview

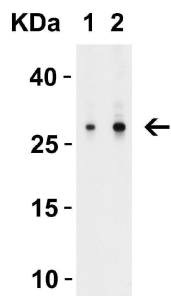
Product Name	Anti-MOX1 MEOX1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MOX1 MEOX1 Antibody (Catalog # A02262). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	MOX1 Antibody is supplied in PBS containing $\leq 0.09\%$ sodium azide.
Storage Instructions	MOX1 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	P50221

Technical Details

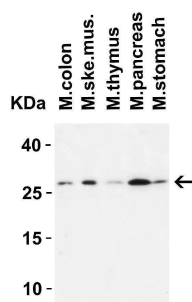
Immunogen	MOX1 antibody was raised against a 19 amino acid synthetic peptide near the center of human MOX1. The immunogen is located within amino acids 140 - 190 of MOX1.
Predicted Reactive Species	Chicken
Isotype	IgG

Form	Liquid
Concentration	1 mg/mL
Purification	MOX1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	WB: 1-2 ug/mL. Antibody validated: Western Blot in human, mouse and rat samples. All other applications and species not yet tested.

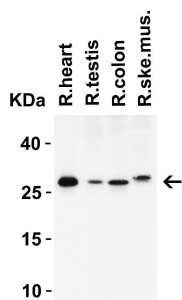
Anti-MOX1 MEOX1 Antibody (A02262) Images



WB Validation in Human Tonsil Loading: 15 ug of lysate.
Antibodies: MOX1 A02262, 1 h incubation at RT in 8%
NFDm/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate
at 1:10,000 dilution. Lane 1: 1 ug/mL Lane 2: 2 ug/mL



WB Validation in Mouse Tissues Loading: 15 ug of lysate.
Antibodies: MOX1 A02262, 2 ug/mL, 1 h incubation at RT in
8% NFDm/TBST. Secondary: Goat Anti-Rabbit IgG HRP
conjugate at 1:10,000 dilution.



Western Blot Validation in Rat Tissues Loading: 15 ug of
lysates per lane. Antibodies: MOX1 A02262, 2 ug/mL, 1h
incubation at RT in 8% NFDm/TBST. Secondary: Goat anti-
rabbit IgG HRP conjugate at 1:10,000 dilution.

Anti-MOX1 MEOX1 Antibody

For Research Use Only. Not for use in diagnostic procedures.