

Product datasheet

Anti-MOX1 antibody ab23279

画像数 3

製品の概要

製品名	Anti-MOX1 antibody
製品の詳細	Rabbit polyclonal to MOX1
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human 交差が予測される動物種: Cow, Dog
免疫原	Synthetic peptide within Human MOX1 aa 38-87 (N terminal). The exact sequence is proprietary. Sequence: YPPTPFSFHQKPDFLATATAAYPDFSASCLAATPHSLPQE EHIFTEQHPA Database link: P50221 (Peptide available as ab199250) Run BLAST with Run BLAST with
ポジティブ・コントロール	Jurkat cell lysate. Human liver cells. Human stomach cells.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab23279** in the following tested applications.

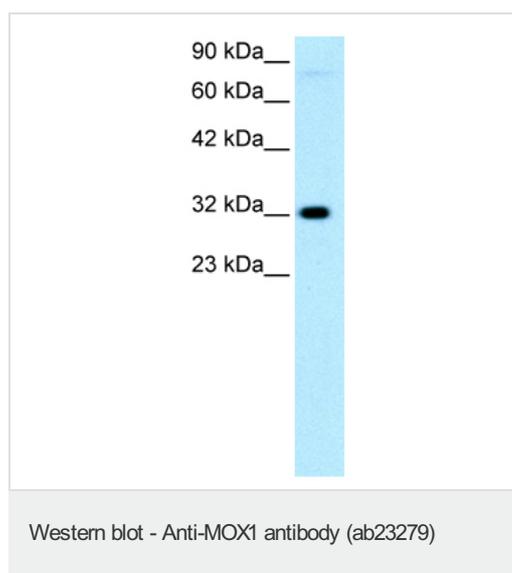
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリ ケー ション	Abreviews	特記事項
WB		Use a concentration of 0.2 - 2 µg/ml. Detects a band of approximately 32 kDa (predicted molecular weight: 28 kDa). Can be blocked with MOX1 peptide (ab199250) . Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
IHC-P		Use at an assay dependent concentration.

ターゲット情報

機能	Mesodermal transcription factor that plays a key role in somitogenesis and is specifically required for sclerotome development. Required for maintenance of the sclerotome polarity and formation of the cranio-cervical joints (PubMed:23290072, PubMed:24073994). Binds specifically to the promoter of target genes and regulates their expression. Activates expression of NKX3-2 in the sclerotome. Activates expression of CDKN1A and CDKN2A in endothelial cells, acting as a regulator of vascular cell proliferation. While it activates CDKN1A in a DNA-dependent manner, it activates CDKN2A in a DNA-independent manner. Required for hematopoietic stem cell (HSCs) induction via its role in somitogenesis: specification of HSCs occurs via the deployment of a specific endothelial precursor population, which arises within a sub-compartment of the somite named endotome.
関連疾患	Klippel-Feil syndrome 2, autosomal recessive
配列類似性	Contains 1 homeobox DNA-binding domain.
細胞内局在	Nucleus. Cytoplasm. Localizes predominantly in the nucleus.

画像



Anti-MOX1 antibody (ab23279) at 0.5 µg/ml + Jurkat cell lysate

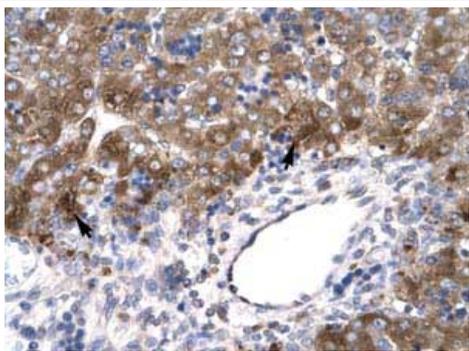
Secondary

HRP conjugated anti-Rabbit IgG should be diluted in 1/50,000 - 100,000

Predicted band size: 28 kDa

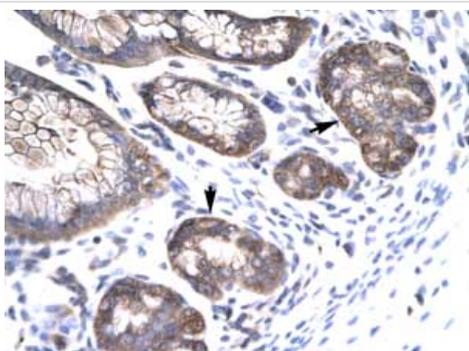
Observed band size: 32 kDa

[why is the actual band size different from the predicted?](#)



ab23279, at 4.0 - 8.0ug/ml staining human MOX1 in (human Liver) by Immunohistochemistry, Paraffin embedded tissue. Positive cells marked by arrows are hepatocytes. magnification 400 x.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MOX1 antibody (ab23279)



ab23279, at 4.0 - 8.0ug/ml dilution, staining human MOX1 in human stomach by Immunohistochemistry, Paraffin embedded tissue. Cells with positive staining, marked by arrows, are Epithelial cells of Fundic Gland. Magnification 400 x.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MOX1 antibody (ab23279)

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