


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
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 derived from a region between residues 42-96 of Human MOX1.
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: None 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

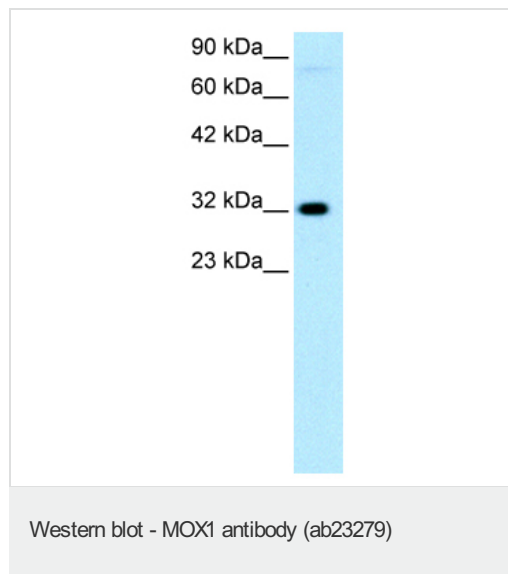
配列類似性

Contains 1 homeobox DNA-binding domain.

細胞内局在

Nucleus. Cytoplasm. Localizes predominantly in the nucleus.

画像



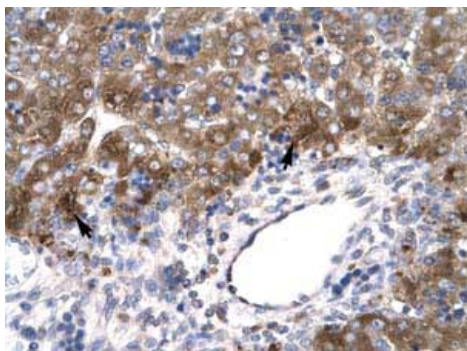
Anti-MOX1 antibody (ab23279) at 0.5 µg/ml +
Jurkat cell lysate

Secondary

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

Predicted band size : 28 kDa

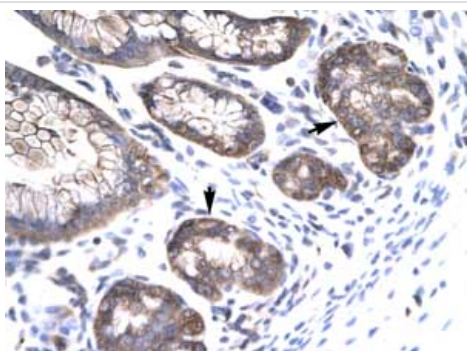
Observed band size : 32 kDa



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 (Paraffin-embedded sections)

- 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 (Paraffin-embedded sections)

- MOX1 antibody (ab23279)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors