abcam

Product datasheet

# Anti-MK2 antibody ab2311

**医薬用外毒物**

## 製品の概要

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|---|---|
| **製品名** | Anti-MK2 antibody |
| **製品の詳細** | Rabbit polyclonal to MK2 |
| **由来種** | Rabbit |
| **特異性** | Two isoforms are produced due to alternative splicing of the same gene which differ in their C-terminals. This antibody recognizes both 43 and 60 kDa isoforms, corresponding to the apparent molecular mass of MAPKAPK-2 on SDS-PAGE immunoblots. These 43 kDa and 60 kDa bands can be specifically inhibited by the relevant peptide. |
| **アプリケーション** | **適用あり:** IP, WB |
| **種交差性** | **交差種:** Mouse, Rat, Cow, Dog, Human |
| **免疫原** | Unfortunately, this information is considered to be commercially sensitive |

## 製品の特性

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|---|---|
| **製品の状態** | Liquid |
| **保存方法** | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| **バッファー** | Preservative: 0.01% Thimerosal (merthiolate)<br>Constituents: 30% Glycerol, 0.5% BSA, PBS, pH 7.2 |
| **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

**The Abpromise guarantee** **Abpromise保証は、**次のテスト済みアプリケーションにおけるab2311の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|---|---|---|
| **IP** | | Use a concentration of 4 µg/ml. |

| アプリケーション | Abreviews | 特記事項 |
| --- | --- | --- |
| **WB** | | Use a concentration of 4 µg/ml. |

## ターゲット情報

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| **機能** | Its physiological substrate seems to be the small heat shock protein (HSP27/HSP25). In vitro can phosphorylate glycogen synthase at 'Ser-7' and tyrosine hydroxylase (on 'Ser-19' and 'Ser-40'). This kinase phosphorylates Ser in the peptide sequence, Hyd-X-R-X(2)-S, where Hyd is a large hydrophobic residue (By similarity). Mediates both ERK and p38 MAPK/MAPK14 dependent neutrophil responses. Participates in TNF alpha-stimulated exocytosis of secretory vesicles in neutrophils. Plays a role in phagocytosis-induced respiratory burst activity. |
| **組織特異性** | Expressed in all tissues examined. |
| **配列類似性** | Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.<br>Contains 1 protein kinase domain. |
| **翻訳後修飾** | Phosphorylated and activated by MAP kinase. |

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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