# abcam

## Product datasheet

## NAK/TBK1 (phospho S172) peptide ab206124

### 画像数 1

#### 製品の詳細

製品名 NAK/TBK1 (phospho S172) peptide

アクセッション番号 Q9UHD2

Animal free No

**由来** Synthetic

修飾 phospho S172

#### 特性

Our Abpromise guarantee covers the use of ab206124 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 Blocking - Blocking peptide for Anti-NAK/TBK1 (phospho S172) antibody [EPR2867(2)] (ab109272)

製品の状態 Liquid

備考 This is the blocking peptide for <u>ab109272</u>

- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.
- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.
- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.
- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.
- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.

#### 前処理および保存

保存方法および安定性 Shipped at 4°C. Store at -20°C.

#### 関連情報

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#### 機能

Serine/threonine protein involved in the signaling cascade converging to the activation of the transcription factor NF-kappa-B. May function as an IKK kinase, playing an essential role in the transcription of a subset of TNF-alpha-induced genes. Also mediates production of RANTES/CCL5 and interferon-beta/IFNB1. Has a pivotal role in the innate immune response. Phosphorylates Borna disease virus (BDV) P protein. Phosphorylates and activates IRF3 and IRF7 and allows their nuclear localization. This leads to production of alpha/beta interferons and the development of a cellular antiviral state. It also seems to be a central factor in the induction of the antiviral interferon response. Inhibition of its interaction with IRF3, due to HCV NS3 binding or BDV P protein seems to be one mechanism of inhibition of the innate immune responses of hepatitis C virus (HCV) infection or Borna disease virus infection respectively.

組織特異性 Ubiquitous with higher expression in testis.

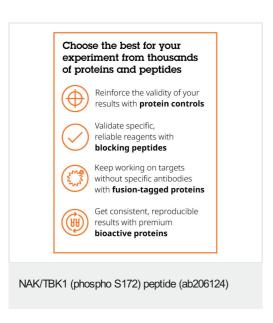
配列類似性 Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. I-kappa-B kinase

subfamily.

Contains 1 protein kinase domain.

細胞内局在 Cytoplasm.

#### 画像



To learn more about our protein and peptide range click **here**.

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

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