



### Anti-ZIP Kinase antibody ab2057

★★★★★ [1 Abreviews](#) [3 References](#) [画像数 5](#)

#### 製品の概要

製品名	Anti-ZIP Kinase antibody
製品の詳細	Rabbit polyclonal to ZIP Kinase
由来種	Rabbit
特異性	It has no cross reactivity to DAP kinase.
アプリケーション	<b>適用あり:</b> ICC/IF, WB
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide corresponding to Human ZIP Kinase aa 250-350 (internal sequence). ZIP kinase antibody was raised against a peptide corresponding to amino acids near the center of human ZIP kinase. Database link: <a href="#">O43293</a>
	 <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
ポジティブ・コントロール	HeLa whole cell lysate or Jurkat whole cell lysate.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 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 or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide
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

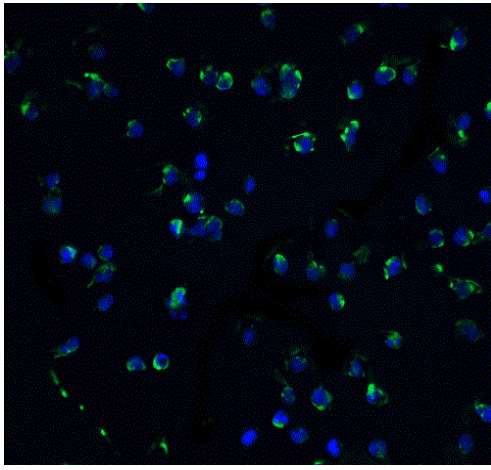
**The Abpromise guarantee**      Abpromise保証は、 次のテスト済みアプリケーションにおけるab2057の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 10 µg/ml.
WB	★★★★★ (1)	Use at an assay dependent concentration.

## ターゲット情報

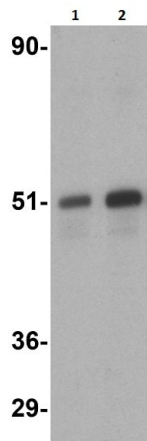
機能	Serine/threonine kinase which acts as a positive regulator of apoptosis. Phosphorylates histone H3 on 'Thr-11' at centromeres during mitosis. Regulates myosin light chain phosphatase through phosphorylation of MYPT1 thereby regulating the assembly of the actin cytoskeleton, cell migration, invasiveness of tumor cells, smooth muscle contraction and neurite outgrowth. Involved in the formation of promyelocytic leukemia protein nuclear body (PML-NB), one of many subnuclear domains in the eukaryotic cell nucleus, and which is involved in oncogenesis and viral infection.
配列類似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. DAP kinase subfamily. Contains 1 protein kinase domain.
翻訳後修飾	Ubiquitinated. Ubiquitination mediated by the UBE2D3 E3 ligase does not lead to proteasomal degradation, but influences promyelocytic leukemia protein nuclear bodies (PML-NBs) formation in the nucleus. Autophosphorylated. Phosphorylated by ROCK1.
細胞内局在	Nucleus. Cytoplasm. Nucleus > PML body. Relocates to the cytoplasm on binding PAWR where the complex appears to interact with actin filaments (By similarity). Localizes to promyelocytic leukemia protein nuclear bodies (PML-NBs). Associates to centromeres from prophase to anaphase.

## 画像



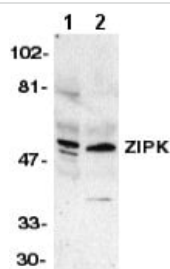
Immunocytochemistry/ Immunofluorescence - Anti-ZIP Kinase antibody (ab2057)

Immunocytochemistry/ Immunofluorescence of Jurkat cells staining ZIP Kinase with ab2057 at 10µg/ml



Western blot - Anti-ZIP Kinase antibody (ab2057)

Western Blot of HeLa and Jurkat cell lysates labeling ZIP Kinase with Anti-ZIP Kinase antibody (ab2057) at 1µg/ml.



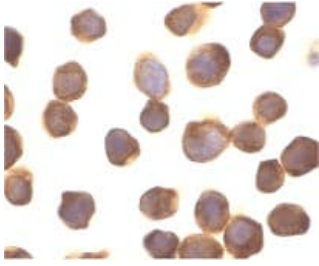
Western blot - Anti-ZIP Kinase antibody (ab2057)

**All lanes :** Anti-ZIP Kinase antibody (ab2057) at 1/500 dilution

**Lane 1 :** HeLa whole cell lysate

**Lane 2 :** Jurkat whole cell lysate

**Observed band size:** 40 kDa



Immunocytochemistry/ Immunofluorescence - Anti-ZIP Kinase antibody (ab2057)

ab2057 at 10µg/ml staining of ZIP kinase in Jurkat cell by ICC/IF

Immunocytochemistry/ Immunofluorescence - Anti-ZIP Kinase antibody (ab2057)

Immunofluorescence of ZIPK in Jurkat cells using ab2057 at 10 ug/ml.

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