

Anti-DOK1 antibody ab8112

★★★★★ [1 Abreviews](#) [8 References](#) [画像数 2](#)

製品の概要

製品名	Anti-DOK1 antibody
製品の詳細	Rabbit polyclonal to DOK1
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Human
免疫原	Synthetic peptide, corresponding to amino acids 425-439 of Human DOK1 (Peptide available as ab39756 .)
ポジティブ・コントロール	Jurkat whole cell lysate
特記事項	Tyrosine kinase substrate p62DOK

Signals from most growth factors and cytokines are transduced by receptor tyrosine kinases or non-receptortyrosine kinases. Activated tyrosine kinases phosphorylate their substrates, which mediate the cellular response to extracellular stimuli. A long-sought major substrate termed p62dok (downstream of tyrosine kinase) for many tyrosine kinases including c-kit, v-abl, v-Fps, v-Src, v-Fms, and activated EGF, PDGF, IGF, VEGF and insulin receptors was identified recently from human and mouse by several laboratories. Upon phosphorylation, p62dok forms a complex with the ras GTPase-activating protein (RasGAP). p62dok represents a new family with very recently identified p56 dok.

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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
一次抗体 備考	Signals from most growth factors and cytokines are transduced by receptor tyrosine kinases or non-receptortyrosine kinases. Activated tyrosine kinases phosphorylatetheir substrates, which mediate the cellular response to extracellular stimuli. A long-sought major substrate termed p62dok (downstream of tyrosine kinase) for many tyrosine kinases including c-kit, v-abl, v-Fps, v-Src, v-Fms, and activated EGF, PDGF, IGF, VEGF and insulin receptors was identified recently from human and mouse by several laboratories. Upon phosphorylation, p62dok forms a complex with the ras GTPase-activating protein (RasGAP). p62dok represents a new family with very recently identified p56 dok.
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

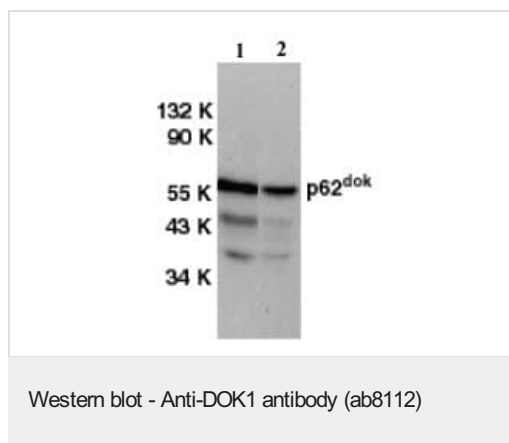
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab8112の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 62 kDa.
ICC/IF		Use a concentration of 2 µg/ml.

ターゲット情報

機能	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for the same binding site on ITGB3.
組織特異性	Expressed in pancreas, heart, leukocyte and spleen. Expressed in both resting and activated peripheral blood T-cells.
配列類似性	Belongs to the DOK family. Type A subfamily. Contains 1 IRS-type PTB domain. Contains 1 PH domain.
ドメイン	The PTB domain mediates receptor interaction.
翻訳後修飾	Constitutively tyrosine-phosphorylated. Phosphorylated on tyrosine residues by the insulin receptor kinase. Results in the negative regulation of the insulin signaling pathway.
細胞内局在	Cytoplasm and Cytoplasm > perinuclear region.

画像

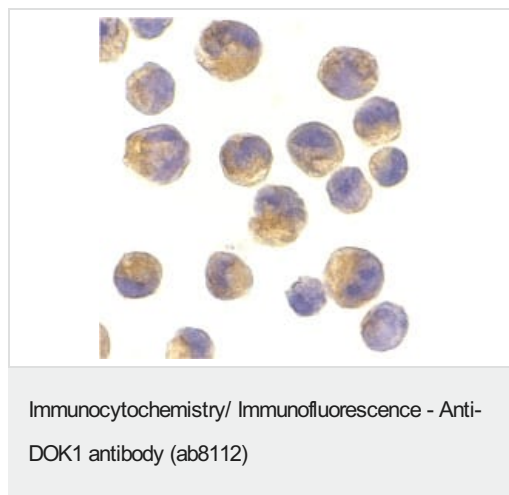


All lanes : Anti-DOK1 antibody (ab8112) at 1 µg/ml

Lane 1 : Jurkat cell lysates

Lane 2 : THP-1 cell lysate

Observed band size: 62 kDa



ab8112 at 2µg/ml staining DOK1 in K562 cells by ICC/IF

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