abcam

Product datasheet

Anti-DOK1 (phospho Y398) antibody ab75741

画像数 2

製品の概要

製品名	Anti-DOK1 (phospho Y398) antibody
製品の詳細	Rabbit polyclonal to DOK1 (phospho Y398)
由来種	Rabbit
アプリケーション	**適用あり:** WB, IHC-P
種交差性	**交差種:** Human
免疫原	Synthetic peptide corresponding to Human DOK1 (phospho Y398). Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	Human breast carcinoma tissue. Extracts from K562 cells, starved.
特記事項	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. 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&As

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS Without Mg2+ and Ca2+
精製度	Immunogen affinity purified
特記事項（精製）	ab75741 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
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ab75741の使用に適用されます

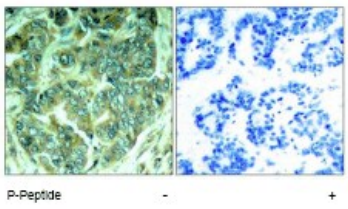
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Predicted molecular weight: 52 kDa.
IHC-P		1/50 - 1/100.

ターゲット情報

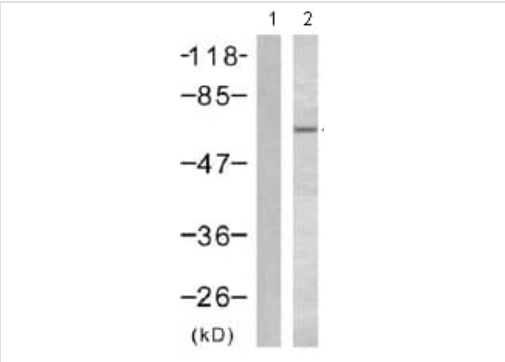
機能	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for the same 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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DOK1 (phospho Y398) antibody (ab75741)

ab75741 at 1/50 dilution staining DOK1 in human breast carcinoma by Immunohistochemistry using paraffin-embedded tissue, in the absence or presence of the immunising phosphopeptide.



Western blot - Anti-DOK1 (phospho Y398) antibody (ab75741)

All lanes : Anti-DOK1 (phospho Y398) antibody (ab75741) at 1/500 dilution

Lane 1 : K562 cell extracts, unstarved
Lane 2 : K562 cell extracts, starved

Predicted band size: 52 kDa
Observed band size: 60 kDa

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