

Product datasheet

Human DOK1 peptide ab39756

製品の概要

製品名 Human DOK1 peptide

製品の詳細

由来 Synthetic

アミノ酸配列

生物種 Human

配列 PQGPAFPEPGTATGS

領域 425 to 439

特性

Our [Abpromise guarantee](#) covers the use of **ab39756** 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 Western blot
Blocking - Blocking peptide for Anti-DOK1 antibody ([ab8112](#))

製品の状態 Liquid

前処理および保存

保存方法および安定性 Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Preservative: 0.02% Sodium Azide
Constituents: 0.01% BSA, PBS, pH 7.2

関連情報

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.

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