abcam

Product datasheet

Anti-Vav proteins (phospho Y174) antibody ab47282

★★★★☆ **3 Abreviews**   **12 References**   **画像数** 1

製品の概要

製品名	Anti-Vav proteins (phospho Y174) antibody
製品の詳細	Rabbit polyclonal to Vav proteins (phospho Y174)
由来種	Rabbit
特異性	This antibody is specific for Vav protein, only when phosphorylated at tyrosine 174.
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human
免疫原	Synthetic peptide corresponding to Human Vav proteins aa 100-200 (phospho Y174). Database link: **P15498**
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
精製度	Immunogen affinity purified
特記事項（精製）	The antibody 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

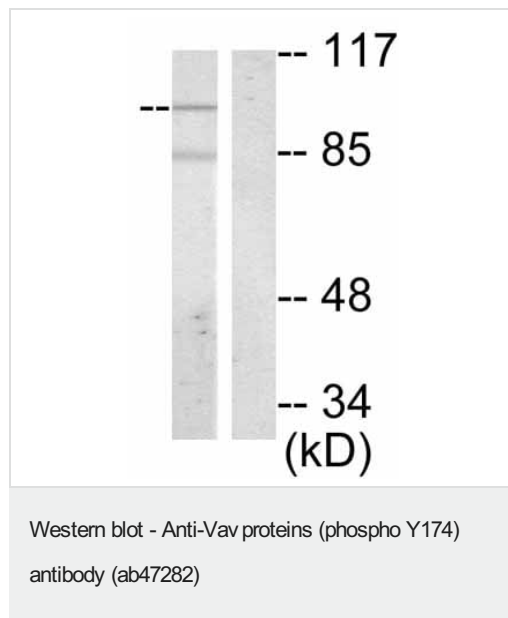| アプリケーション	Abreviews	特記事項
WB	★★★★☆ (1)	1/500 - 1/1000. Detects a band of approximately 118 kDa.

ターゲット情報

関連性	The Vav family are Rho/Rac guanosine nucleotide exchange factors (GEFs), consisting of three members in mammalian cells (Vav, Vav2, Vav3) and one in nematodes (CelVav). First discovered based on its transforming properties, Vav is expressed mainly in hematopoietic cells and a few non-hematopoietic tissues, such as the pancreas and tooth enamels. As a signalling transducer, Vav is involved in T-cell activated transduction of T-cell antigen receptor (TCR). T-cell stimulated and tyrosine phosphorylated Vav acts as a catalyst in the exchange of guanosine nucleotides on Rac-1, a GTP binding protein. Using a mouse model, Vav expression has been determined to play an essential role in the cyctosketetal, proliferative, and apoptotic pathways for developing lymphoid cells and its signal response.
細胞内局在	Cytoplasmic and Plasma membrane VAV1, Cytoplasm - VAV2 & VAV3

画像

Western blot - Anti-Vav proteins (phospho Y174) antibody (ab47282)

All lanes : Anti-Vav proteins (phospho Y174) antibody (ab47282) at 1/500 dilution

Lane 1 : Extrats from Jurkat cells treated with UV
Lane 2 : Extrats from Jurkat cells untreated

Lysates/proteins at 30 µg per lane.

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