

Anti-DOK7 antibody ab75049

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

製品の概要

製品名	Anti-DOK7 antibody
製品の詳細	Rabbit polyclonal to DOK7
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, ICC/IF
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide derived from N-terminus of human DOK7.
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&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. Avoid freeze / thaw cycles.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
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

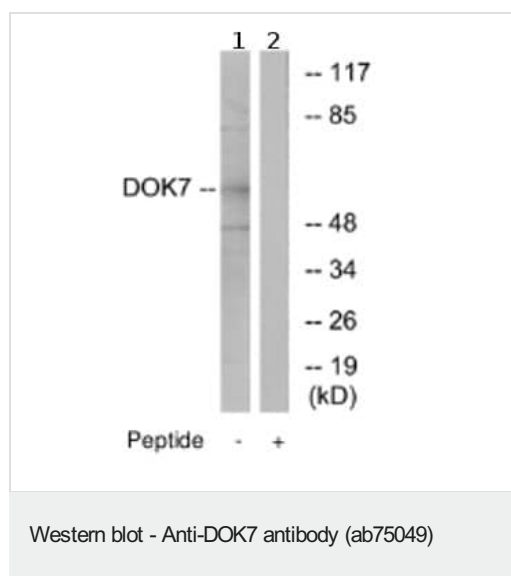
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab75049の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 53 kDa (predicted molecular weight: 53 kDa).
IHC-P		1/50 - 1/100.
ICC/IF		1/500 - 1/1000.

ターゲット情報

機能	Probable muscle-intrinsic activator of MUSK that plays an essential role in neuromuscular synaptogenesis. Acts in aneural activation of MUSK and subsequent acetylcholine receptor (AChR) clustering in myotubes. Induces autophosphorylation of MUSK.
組織特異性	Preferentially expressed in skeletal muscle and heart Present in thigh muscle, diaphragm and heart but not in the liver or spleen (at protein level).
関連疾患	Defects in DOK7 are the cause of familial limb-girdle myasthenia autosomal recessive (LGM) [MIM:254300]; also called congenital myasthenic syndrome type 1B or CMS1B. LGM is a congenital myasthenic syndrome characterized by a typical 'limb girdle' pattern of muscle weakness with small, simplified neuromuscular junctions but normal acetylcholine receptor and acetylcholinesterase function.
配列類似性	Contains 1 IRS-type PTB domain. Contains 1 PH domain.
細胞内局在	Cell membrane. Cell junction > synapse. Accumulates at neuromuscular junctions.

画像



All lanes : Anti-DOK7 antibody (ab75049) at 1/500 dilution

Lane 1 : extracts from mouse brain cells

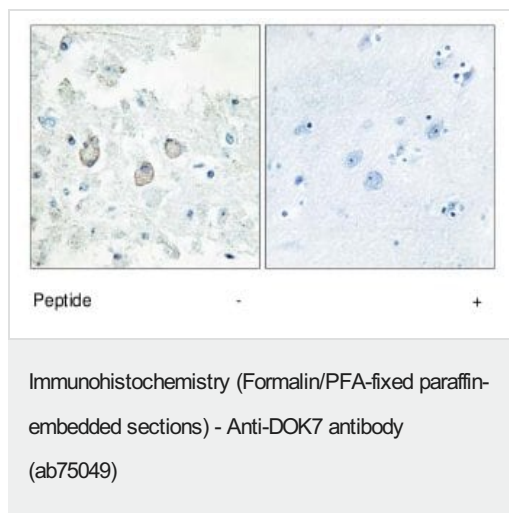
Lane 2 : extracts from mouse brain cells with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

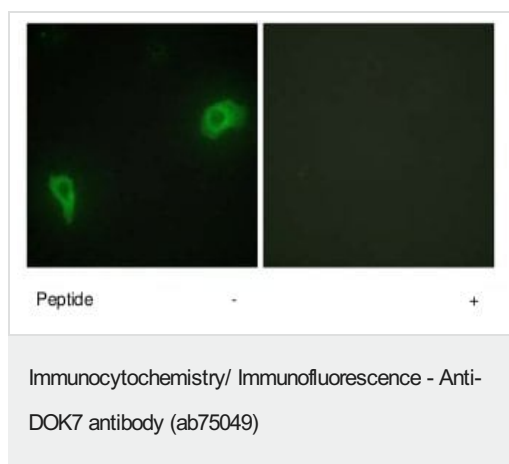
Predicted band size: 53 kDa

Observed band size: 53 kDa

Additional bands at: 46 kDa, 80 kDa. We are unsure as to the identity of these extra bands.



Human brain tissue with ab75049 at 1/50 dilution, in the absence and presence of the immunising peptide.



HepG2 cells with ab75049 at 1/500 dilution, in the absence and presence of the immunising peptide.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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