


Anti-MTMR14 antibody ab102575

4 References [画像数 2](#)

医薬用外劇物

製品の概要

製品名	Anti-MTMR14 antibody
製品の詳細	Rabbit polyclonal to MTMR14
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 交差が予測される動物種: Mouse, Rat 
免疫原	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 264 and 415 of Human MTMR14 (AAH01674; UniProt ID: Q8NCE2 isoform 3).
ポジティブ・コントロール	WB: 293T, A431, Jurkat and Raji cell lysates IHC-P: MCF7 xenograft
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
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ab102575の使用に適用されます

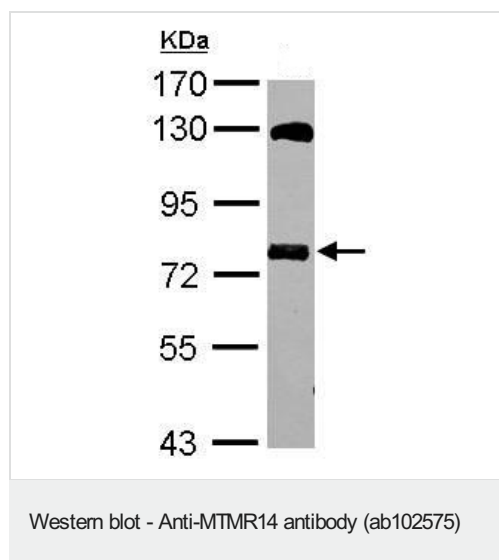
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 72 kDa.
IHC-P		1/100 - 1/500. Antigen retrieval using heat mediated 10mM Citrate buffer or Tris-EDTA buffer (pH 8.0) is recommended.

ターゲット情報

機能	Lipid phosphatase which efficiently dephosphorylates phosphatidylinositol 3-phosphate (PtdIns3P) and PtdIns(3,5)P ₂ ; inactive toward PtdIns4P, PtdIns(3,4)P ₂ , PtdIns(4,5)P ₂ and PtdIns(3,4,5)P ₃ .
組織特異性	Expressed in various tissues, including heart, skeletal muscle, placenta, liver, lung, kidney and pancreas.
関連疾患	Defects in MTMR14 may be a cause of centronuclear myopathy autosomal dominant (ADCNM) [MIM:160150]; also known as autosomal dominant myotubular myopathy. Centronuclear myopathies are congenital muscle disorders characterized by progressive muscular weakness and wasting involving mainly limb girdle, trunk, and neck muscles. It may also affect distal muscles. Weakness may be present during childhood or adolescence or may not become evident until the third decade of life. Ptosis is a frequent clinical feature. The most prominent histopathologic features include high frequency of centrally located nuclei in muscle fibers not secondary to regeneration, radial arrangement of sarcoplasmic strands around the central nuclei, and predominance and hypotrophy of type 1 fibers.
配列類似性	Belongs to the protein-tyrosine phosphatase family. Non-receptor class myotubularin subfamily.
細胞内局在	Cytoplasm. Found in reticular structures and plasma membrane ruffles. Concentrated near the nucleus.

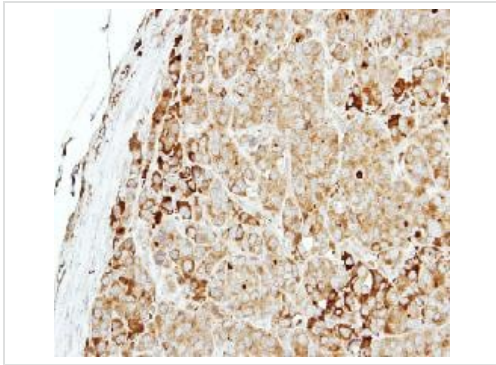
画像



Anti-MTMR14 antibody (ab102575) at 1/1000 dilution + Jurkat whole cell lysate at 30 µg

Predicted band size: 72 kDa

7.5% SDS PAGE



Immunohistochemical analysis of MTMR14 in paraffin embedded MCF7 xenograft, using ab102575 at a 1/250 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MTMR14 antibody (ab102575)

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