

Anti-TRPC6 antibody ab62461

★★★★★ **1 Abreviews** **20 References** 画像数 3

製品の概要

製品名	Anti-TRPC6 antibody
製品の詳細	Rabbit polyclonal to TRPC6
由来種	Rabbit
特異性	This antibody does potentially cross-react with TRPC3.
アプリケーション	適用あり: WB, ICC
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to Human TRPC6 (N terminal). Database link: Q9Y210
ポジティブ・コントロール	WB: Human K562 cell lysate. IHC-P: Mouse lung tissue. ICC: K562 cells.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: 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ab62461の使用に適用されます

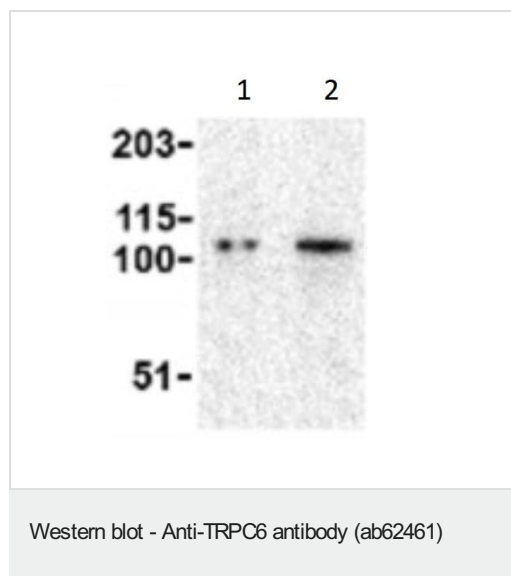
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 106 kDa (predicted molecular weight: 106 kDa).
ICC		Use a concentration of 2 - 5 µg/ml.

ターゲット情報

機能	Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG) in a membrane-delimited fashion, independently of protein kinase C. Seems not to be activated by intracellular calcium store depletion.
組織特異性	Expressed primarily in placenta, lung, spleen, ovary and small intestine. Expressed in podocytes and is a component of the glomerular slit diaphragm.
関連疾患	Defects in TRPC6 are the cause of focal segmental glomerulosclerosis type 2 (FSGS2) [MIM:603965]. A renal pathology defined by the presence of segmental sclerosis in glomeruli and resulting in proteinuria, reduced glomerular filtration rate and edema. Renal insufficiency often progresses to end-stage renal disease, a highly morbid state requiring either dialysis therapy or kidney transplantation.
配列類似性	Belongs to the transient receptor (TC 1.A.4) family. STpC subfamily. TRPC6 sub-subfamily. Contains 4 ANK repeats.
細胞内局在	Membrane.

画像



Lane 1 : Anti-TRPC6 antibody (ab62461) at 0.5 µg/ml

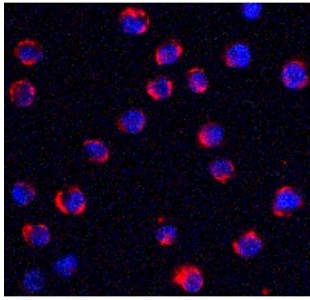
Lane 2 : Anti-TRPC6 antibody (ab62461) at 1 µg/ml

All lanes : K562 cell lysate

Lysates/proteins at 15 µg per lane.

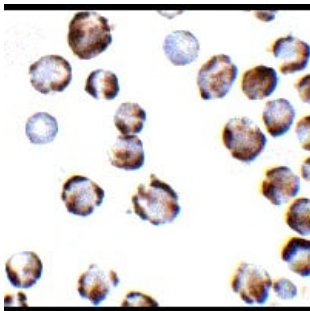
Predicted band size: 106 kDa

Observed band size: 106 kDa



Immunocytochemistry - Anti-TRPC6 antibody
(ab62461)

ICC analysis of K562 (human chronic myelogenous leukemia cell line from bone marrow) cells stained for TRPC6 (red) using ab62461 (5 µg/ml).



Immunocytochemistry - Anti-TRPC6 antibody
(ab62461)

ICC analysis of K562 (human chronic myelogenous leukemia cell line from bone marrow) cells stained for TRPC6 using ab62461 (2 µg/ml).

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