


Anti-Ezrin (phospho T567) antibody ab47293

★★★★★ [3 Abreviews](#) [16 References](#) [画像数 3](#)

製品の概要

製品名	Anti-Ezrin (phospho T567) antibody
製品の詳細	Rabbit polyclonal to Ezrin (phospho T567)
由来種	Rabbit
特異性	This antibody detects endogenous levels of Ezrin only when phosphorylated at Threonine 567. This antibody will also react with Moesin at Threonine 577 and Radixin at Threonine 564.
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	Synthetic peptide corresponding to Human Ezrin (phospho T567). Database link: P15311
ポジティブ・コントロール	Extracts from A431 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 -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride
精製度	Immunogen affinity purified
特記事項 (精製)	The antibody was purified 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
アイソタイプ

ポリクローナル
IgG

アプリケーション

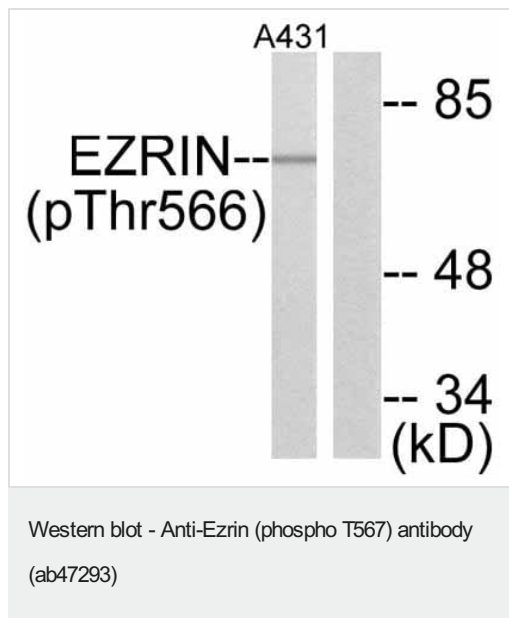
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab47293の使用に適用されます
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アプリケーション	Abreviews	特記事項
WB	★★★★★ (2)	1/500 - 1/1000. Detects a band of approximately 69 kDa (predicted molecular weight: 69 kDa).
IHC-P		Use a concentration of 1 µg/ml.

ターゲット情報

機能	Probably involved in connections of major cytoskeletal structures to the plasma membrane. In epithelial cells, required for the formation of microvilli and membrane ruffles on the apical pole. Along with PLEKHG6, required for normal macropinocytosis.
組織特異性	Expressed in cerebral cortex, basal ganglia, hippocampus, hypophysis, and optic nerve. Weakly expressed in brain stem and diencephalon. Stronger expression was detected in gray matter of frontal lobe compared to white matter (at protein level). Component of the microvilli of intestinal epithelial cells. Preferentially expressed in astrocytes of hippocampus, frontal cortex, thalamus, parahippocampal cortex, amygdala, insula, and corpus callosum. Not detected in neurons in most tissues studied.
配列類似性	Contains 1 FERM domain.
発生段階	Very strong staining is detected in the Purkinje cell layer and in part of the molecular layer of the infant brain compared to adult brain.
翻訳後修飾	Phosphorylated by tyrosine-protein kinases.
細胞内局在	Apical cell membrane. Cell projection. Cell projection > microvillus membrane. Cell projection > ruffle membrane. Cytoplasm > cell cortex. Cytoplasm > cytoskeleton. Localization to the apical membrane of parietal cells depends on the interaction with MPP5. Localizes to cell extensions and peripheral processes of astrocytes (By similarity). Microvillar peripheral membrane protein.

画像



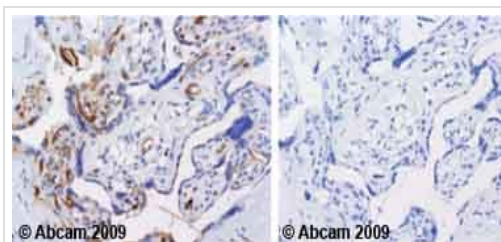
All lanes : Anti-Ezrin (phospho T567) antibody (ab47293)

Lane 1 : EGF treated A431 cells, no added peptide

Lane 2 : Untreated A431 cells, no added peptide

Predicted band size: 69 kDa

Observed band size: 69 kDa

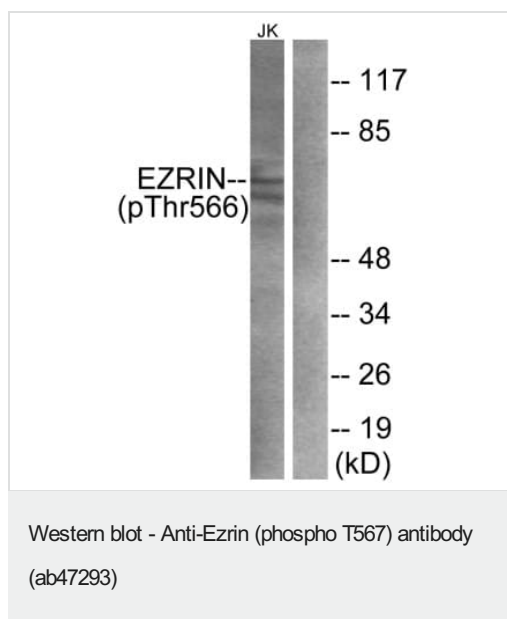


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ezrin (phospho T567) antibody (ab47293)

Ab47293 staining human normal placenta. Staining is localised to apical membrane and cytoplasmic compartment.

Left panel: with primary antibody at 1 ug/ml. Right panel: isotype control.

Sections were stained using an automated system DAKO Autostainer Plus , at room temperature. Sections were rehydrated and antigen retrieved with the Dako 3-in-1 AR buffers EDTA pH 9.0 in a DAKO PT Link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 minutes. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 minutes and detected with Dako Envision Flex amplification kit for 30 minutes. Colorimetric detection was completed with diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that for manual staining we recommend to optimize the primary antibody concentration and incubation time (overnight incubation), and amplification may b



All lanes : Anti-Ezrin (phospho T567) antibody (ab47293)

Lane 1 : Jurkat cell lysate with PMA (125 ng/ml, 30 minutes)

Lane 2 : Jurkat cell lysate

Predicted band size: 69 kDa

Observed band size: 69 kDa

Additional bands at: 68 kDa (possible cross reactivity)

The lower band is likely to be Moesin, which has a homologous immunogenic region.

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