

Anti-Ezrin antibody ab47418

1 图像

概述

产品名称	Anti-Ezrin抗体
描述	兔多克隆抗体to Ezrin
宿主	Rabbit
特异性	This antibody detects endogenous levels of total Ezrin protein.
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic non-phosphopeptide derived from human Ezrin around the phosphorylation site of tyrosine 566 (Y-K-T ^P -L-R).
阳性对照	A431 cell extracts

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
纯化说明	This antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab47418于以下的经测试应用

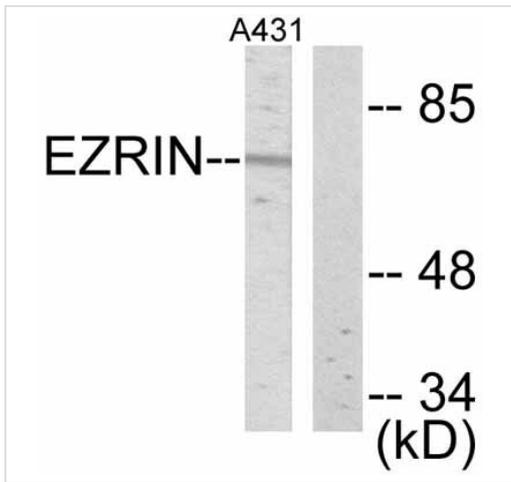
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 69 kDa (predicted molecular weight: 69 kDa).
ELISA		1/20000.

靶标

功能	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.
组织特异性	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.
序列相似性	Contains 1 FERM domain.
发展阶段	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.
翻译后修饰	Phosphorylated by tyrosine-protein kinases.
细胞定位	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.

图片



All lanes : Anti-Ezrin antibody (ab47418) at 1/500 dilution

Lane 1 : A431 cell extracts with EGF treatment (200ng/ml, 30min)

Lane 2 : A431 cell extracts with EGF treatment (200ng/ml, 30min) with blocking peptide

Predicted band size: 69 kDa

Observed band size: 69 kDa

Western blot - Anti-Ezrin antibody (ab47418)

Typically 5-30ug of total protein was loaded per lane of the gel.

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

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