

Anti-FMN2 antibody ab72052

[6 References](#) [2 图像](#)

概述

产品名称	Anti-FMN2抗体
描述	兔多克隆抗体to FMN2
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide (Human) corresponding to a region between residues 650-700 of human FMN2. (NP_064450.3).
阳性对照	human brain lysate.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 0.05% BSA, PBS
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab72052 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
IHC-P		
WB		

应用说明

WB: Use at a concentration of 0.25 - 0.5 µg/ml. Detects bands of approximately 67 and 150 kDa (predicted molecular weight: 180 kDa).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

Required for asymmetric spindle positioning, asymmetric oocyte division and polar body extrusion during female germ cell meiosis (By similarity). Actin-binding protein that is involved in actin cytoskeleton assembly and reorganization. Acts as an actin nucleation factor and promotes assembly of actin filaments together with SPIRE1 and SPIRE2. Involved in intracellular vesicle transport along actin fibers, providing a novel link between actin cytoskeleton dynamics and intracellular transport. Plays a role in responses to DNA damage, cellular stress and hypoxia by protecting CDKN1A against degradation, and thereby plays a role in stress-induced cell cycle arrest. Protects cells against apoptosis by protecting CDKN1A against degradation.

组织特异性

Expressed almost exclusively in the developing and mature central nervous system.

序列相似性

Belongs to the formin homology family. Cappuccino subfamily.

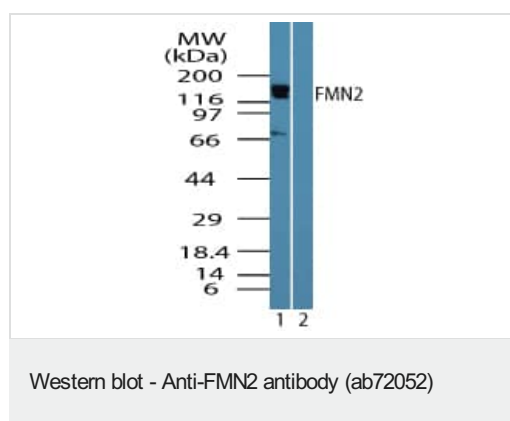
Contains 1 FH1 (formin homology 1) domain.

Contains 1 FH2 (formin homology 2) domain.

细胞定位

Cytoplasm > cytoskeleton. Cytoplasm > perinuclear region. Cytoplasm > cytosol. Cell membrane. Cytoplasmic vesicle membrane. Cytoplasm > cell cortex. Nucleus > nucleolus. Recruited to the membranes via its interaction with SPIRE1. Colocalizes with the actin cytoskeleton. Detected at the cleavage furrow during asymmetric oocyte division and polar body extrusion.

图片



All lanes : Anti-FMN2 antibody (ab72052) at 0.25 µg/ml

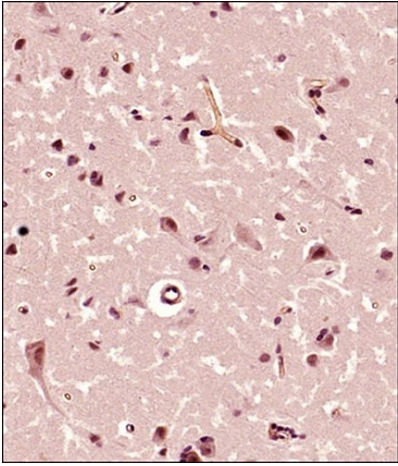
Lane 1 : human brain lysate

Lane 2 : human brain lysate with immunising peptide

Predicted band size: 180 kDa

Observed band size: 150 kDa

Additional bands at: 67 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemical analysis of formalin fixed and paraffin embedded Human brain tissue section staining FMN2 using ab72052 at 1/300 dilution. HRP- labeled secondary antibody and hematoxylin was used as a nuclei counterstain.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FMN2 antibody (ab72052)

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

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