

Product datasheet

Anti-Calpain 6 antibody ab76974

1 References 3 图像

概述

| | |
|-------|---|
| 产品名称 | Anti-Calpain 6抗体 |
| 描述 | 兔多克隆抗体to Calpain 6 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB, ICC/IF, IHC-P |
| 种属反应性 | 与反应: Mouse, Rat, Human |
| 免疫原 | An 18 amino acid peptide from near the carboxy terminus of human Calpain 6. |
| 阳性对照 | Rat lung tissue lysate. |

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 | Preservative: 0.02% Sodium Azide Constituents: PBS |
| 纯度 | Immunogen affinity purified |
| 纯化说明 | Affinity chromatography purified via peptide column. |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

Our [Abpromise guarantee](#) covers the use of **ab76974** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

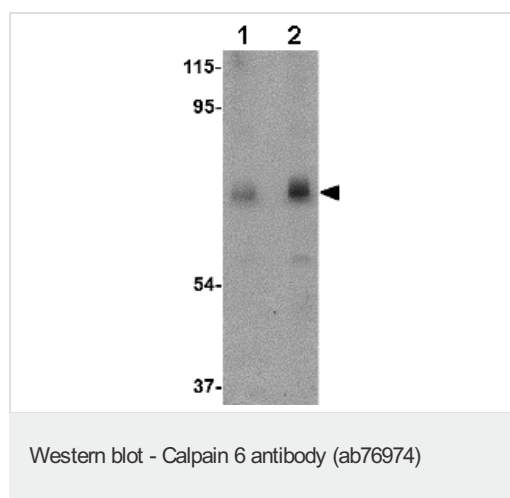
| 应用 | Ab评论 | 说明 |
|--------|------|---|
| WB | | Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 75 kDa. |
| ICC/IF | | Use a concentration of 20 µg/ml. |

| 应用 | Ab评论 | 说明 |
|-------|------|-----------------------------------|
| IHC-P | | Use a concentration of 2.5 µg/ml. |

靶标

| | |
|--------------|---|
| 功能 | Microtubule-stabilizing protein that may be involved in the regulation of microtubule dynamics and cytoskeletal organization. May act as a regulator of RAC1 activity through interaction with ARHGEF2 to control lamellipodial formation and cell mobility. Does not seem to have protease activity as it has lost the active site residues. |
| 组织特异性 | Expressed only in placenta. |
| 序列相似性 | Belongs to the peptidase C2 family. Contains 1 C2 domain. Contains 1 calpain catalytic domain. |
| 细胞定位 | Cytoplasm > perinuclear region. Cytoplasm > cytoskeleton > spindle. During mitose associated with the mitotic spindle. At telophase colocalized to the midbody spindle. |

图片



Lane 1 : Anti-Calpain 6 antibody (ab76974)

at 0.5 µg/ml

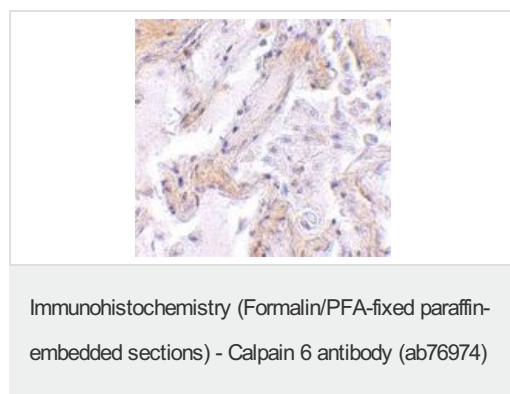
Lane 2 : Anti-Calpain 6 antibody (ab76974)

at 1 µg/ml

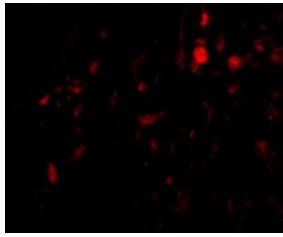
All lanes : rat lung tissue lysate

Predicted band size: 75 kDa

Observed band size: 75 kDa



ab76974 at 2.5µg/ml staining Calpain6 in human lung tissue section by Immunohistochemistry (Formalin/ PFA fixed paraffin-embedded tissue sections).



Immunofluorescence of CAPN6 in Human Lung cells using ab76974 at 20 ug/ml.

Immunocytochemistry/ Immunofluorescence-Anti-Calpain 6 antibody(ab76974)

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