

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
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.

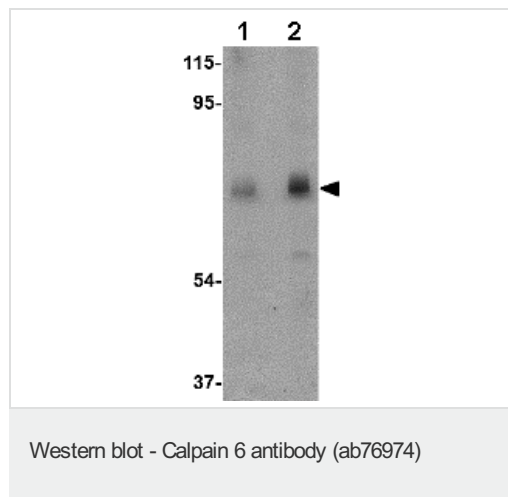
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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.
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 $\mu\text{g/ml}$

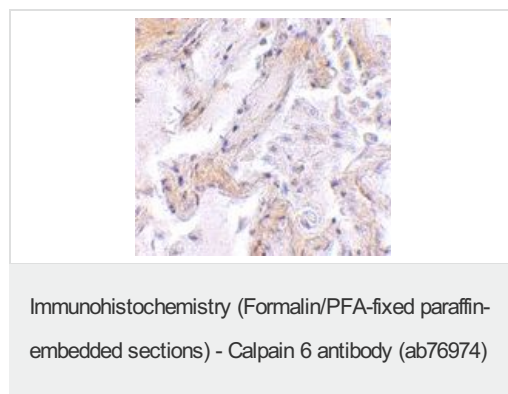
Lane 2 : Anti-Calpain 6 antibody (ab76974)
at 1 $\mu\text{g/ml}$

Lane 1 : rat lung tissue lysate

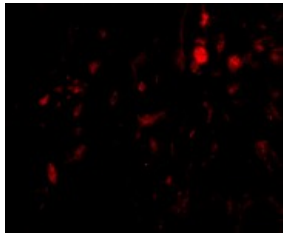
Lane 2 : rat lung tissue lysate

Predicted band size : 75 kDa

Observed band size : 75 kDa



ab76974 at 2.5 $\mu\text{g/ml}$ 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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