

HRP Anti-beta Actin antibody [BA3R] ab173838

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概述

产品名称	HRP Anti-beta Actin抗体[BA3R]
描述	HRP小鼠单克隆抗体[BA3R] to beta Actin
宿主	Mouse
偶联物	HRP
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Rat, Dog, Human, African green monkey
免疫原	Synthetic peptide corresponding to Human beta Actin (N terminal). Database link: P60709
阳性对照	WB: HeLa, 293T, U2OS, COS7, NIH 3T3, NRK, A549, MDCK, C2C12, MDA-MB-231 and RSC96 cell lysates. Mouse lung tissue extracts.
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. Store at +4°C.
克隆	单克隆
克隆编号	BA3R
同种型	IgG2b

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab173838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 - 1/2000. Predicted molecular weight: 42 kDa. Can be blocked with Recombinant Human beta Actin protein (His tag) (ab240844) .

靶标

功能

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

疾病相关

Defects in ACTB are a cause of dystonia juvenile-onset (DYTJ) [MIM:607371]. DYTJ is a form of dystonia with juvenile onset. Dystonia is defined by the presence of sustained involuntary muscle contraction, often leading to abnormal postures. DYTJ patients manifest progressive, generalized, dopa-unresponsive dystonia, developmental malformations and sensory hearing loss.

序列相似性

Belongs to the actin family.

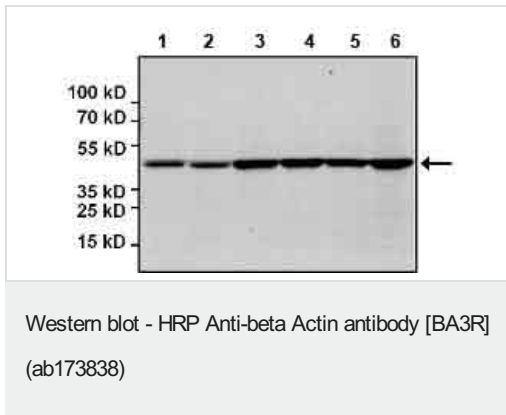
翻译后修饰

ISGylated.

细胞定位

Cytoplasm > cytoskeleton. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

图片



All lanes : HRP Anti-beta Actin antibody [BA3R] (ab173838) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : 293T cell lysate

Lane 3 : U2OS cell lysate

Lane 4 : COS7 cell lysate

Lane 5 : NIH 3T3 cell lysate

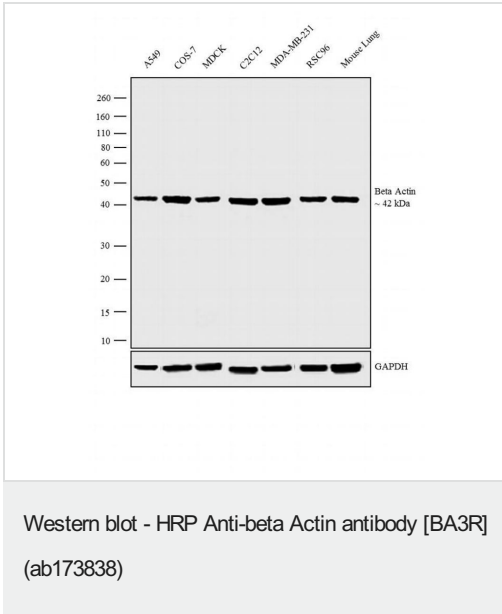
Lane 6 : NRK cell lysate

Lysates/proteins at 30 µg per lane.

Developed using the ECL technique.

Predicted band size: 42 kDa

4-20% Tris-HCl polyacrylamide gel.



All lanes : HRP Anti-beta Actin antibody [BA3R] (ab173838) at 1 μ g

Lane 1 : A549 (Human alveolar basal epithelial cells)

Lane 2 : COS-7 (African green monkey kidney fibroblast cells)

Lane 3 : MDCK (Madin-Darby Canine Kidney cells)

Lane 4 : C2C12 (Mouse myoblast cells)

Lane 5 : MDA-MB-231 (Human breast cancer cells)

Lane 6 : RSC96

Lane 7 : Mouse lung tissue lysate

Lysates/proteins at 30 μ g per lane.

Developed using the ECL technique.

Predicted band size: 42 kDa

Observed band size: 42 kDa

Blocking buffer: 5% milk.

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

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