

Beta Actin antibody

Catalog No: #22957

Package Size: #22957 100ul

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Description

Product Name	Beta Actin antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Human
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human beta Actin
Conjugates	Unconjugated
Target Name	Beta Actin
Accession No.	NCBI Gene ID: 60NCBI mRNA#: NM_001101NCBI Protein#: NP_001092
Concentration	1mg/ml
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

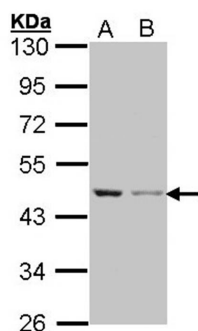
Predicted MW: 42kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:100-1:250

Immunofluorescence: 1:100-1:200

Images



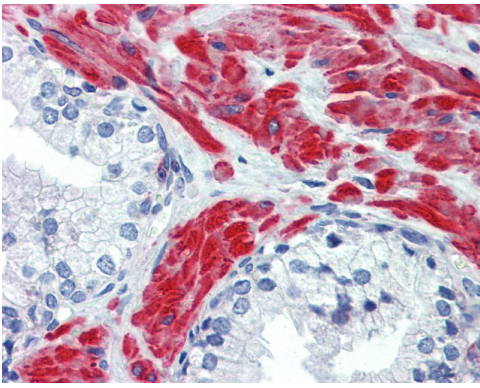
Sample (30 ug of whole cell lysate)

A: A431

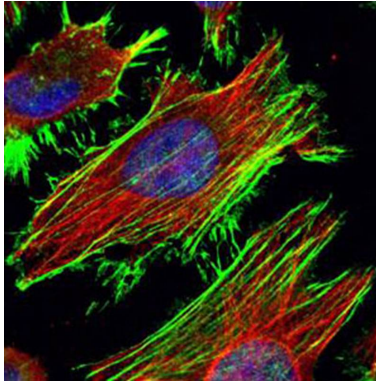
B: H1299

10% SDS PAGE

Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Prostate, using beta Actin antibody(10 ug/ml).



Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed HeLa, using beta Actin antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 2000.

Background

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. [provided by RefSeq]

Published Papers

Jingyao Gan;Guangsheng Du;Chunting He;Min Jiang;Xingyue Mou;Jiao Xue;Xun Sun et al., Tumor cell membrane enveloped aluminum phosphate nanoparticles for enhanced cancer vaccination, , (2020)

[PMID:32659330](#)

Siqi Zhang;Meiqi Sun;Zehao Li;Dandan Liu;Cheng Hu;Fang Fang;Guoqing Wang et al., Effect of silencing CD147 on glycolysis in prostate cancer LNCaP cells, , (2023)

[PMID:](#)

Ziqiang Lin, Suo Wang, Yu Cao, Jialing Lin, Ailing Sun, Wei Huang, Jun Zhou, Qingxiong Hong et al., Bioinformatics and validation reveal the potential target of curcumin in the treatment of diabetic peripheral neuropathy, , (2024)

[PMID:](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.