

Product Datasheet

ACTN2 Rabbit Polyclonal Antibody (orb578075)

Catalog Number	orb578075
Category	Antibodies
Description	Rabbit polyclonal antibody to ACTN2
Target	ACTN2
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Bovine, Canine, Equine, Guinea pig, Mouse, Rabbit, Rat
Form/Appearance	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml
Buffer/Preservatives	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification	Affinity Purified
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ACTN2
Protein Sequence	Synthetic peptide located within the following region: NQIEPGVQYNYVYDEDEYMIQEEEWDRDLLLDPAWEKQRKTFWAWCNSH
UniProt ID	P35609

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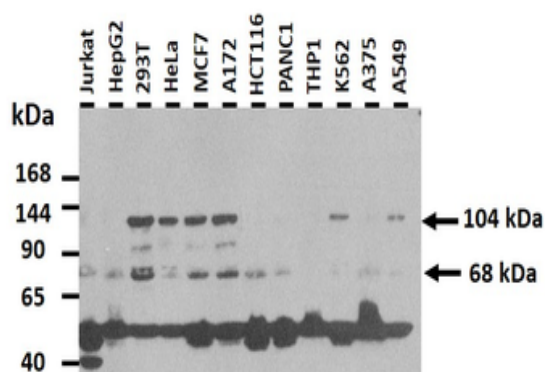
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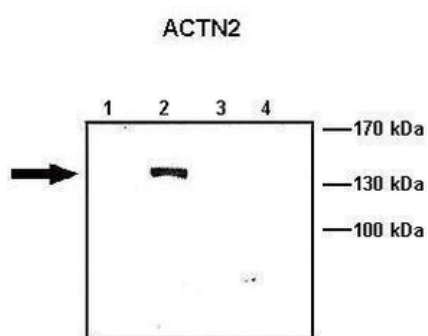
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MW	104 kDa
Tested applications	IHC, WB
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
NCBI	NP_001094
Expiration Date	12 months from date of receipt.



25 ug of the indicated Human whole cell extracts was loaded onto a 6-18% SDS-PAGE gel. 0.2 ug/ml of the antibody was used in this experiment. A smaller isoform is visible at 68 kDa in some samples.



Lanes: Lane 1: 10 ug ACTN1-GFP transfected COS-7 lysate, Lane 2: 10 ug ACTN2-GFP transfected COS-7 lysate, Lane 3: 10 ug ACTN3-GFP transfected COS-7 lysate, Lane 4: 10 ug ACTN4-GFP transfected COS-7 lysate, Primary Antibody Dilution: 1:1000, Secondary Antibody: Anti-rabbit HRP, Secondary Antibody Dilution: 1:5000, Gene Name: ACTN2.

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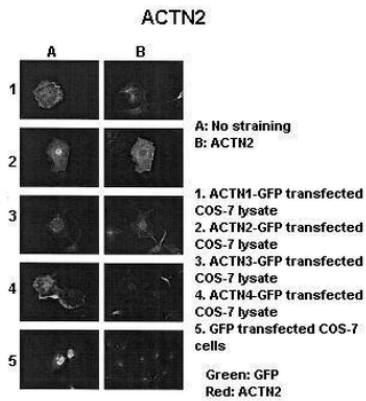
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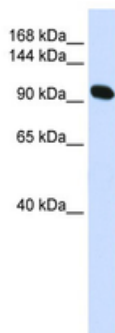
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Sample Type: ACTNX-GFP transfected COS-7 cells, Primary Antibody Dilution: 1:1000, Secondary Antibody: Anti-rabbit-Alexa-Fluor 568, Secondary Antibody Dilution: 1:100, Color/Signal Descriptions: Green: GFP Red: ACTN2, Gene Name: ACTN2.



WB Suggested Anti-ACTN2 Antibody Titration: 0.2-1 ug/ml, ELISA Titer: 1:312500, Positive Control: Human Muscle.

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