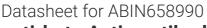
antibodies -online.com





anti-beta Actin antibody



Images

12

Publications



Go to Product page

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Quantity:	400 μL
Target:	beta Actin (ACTB)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), DNA Microscopy (DNA Mic)
Product Details	
Immunogen:	This ACTB Monoclonal antibody is generated from mouse immunized with ACTB recombinant protein.
Clone:	137CT26-1-1
Isotype:	IgG1, Ig kappa
Predicted Reactivity:	X, B, C, Hs, Pr, Pig, Sh
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.
Target Details	
Target:	beta Actin (ACTB)
Alternative Name:	ACTB (ACTB Products)
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

Target Details

	contractile apparatus and one of the two nonmuscle cytoskeletal actins.
Molecular Weight:	41737
Gene ID:	60
NCBI Accession:	NP_001092
UniProt:	P60709
Pathways:	Myometrial Relaxation and Contraction, Cell-Cell Junction Organization, Maintenance of Protein Location, Phototransduction

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:1000. WB: 1:1000. IHC-P: 1:25. IHC-P: 1:10~50. IHC-P: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in: Lin, Chen, Huang, Xu: "CYLD Promotes TNF-α-Induced Cell Necrosis Mediated by RIP-1 in Human Lung Cancer Cells." in: **Mediators of inflammation**, Vol. 2016, pp. 1542786, (2017) (PubMed).

Munoz, Yazdi, Tang, Rivera, Taghipour, Grossman, Boone, Tasciotti: "Localized inhibition of P2X7R at the spinal cord injury site improves neurogenic bladder dysfunction by decreasing

urothelial P2X3R expression in rats." in: Life sciences, Vol. 171, pp. 60-67, (2017) (PubMed).

Vispute, Bu, Le, Cheng: "Activation of GR but not PXR by dexamethasone attenuated acetaminophen hepatotoxicities via Fgf21 induction." in: **Toxicology**, Vol. 378, pp. 95-106, (2017) (PubMed).

Bu, Le, Zhang, Zhang, Cheng: "Berberine-induced Inactivation of Signal Transducer and Activator of Transcription 5 Signaling Promotes Male-specific Expression of a Bile Acid Uptake Transporter." in: **The Journal of biological chemistry**, Vol. 292, Issue 11, pp. 4602-4613, (2017) (PubMed).

Lau, Tang, Casey, Wang: "Isoprenylcysteine carboxylmethyltransferase is critical for malignant transformation and tumor maintenance by all RAS isoforms." in: **Oncogene**, Vol. 36, Issue 27, pp. 3934-3942, (2017) (PubMed).

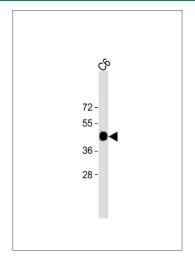
There are more publications referencing this product on: Product page

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffinembedded H.skeletal muscle section using Beta-Actin Antibody (ABIN658990 and ABIN2838035). (ABIN658990 and ABIN2838035) was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Western Blotting

Image 2. All lanes: Anti-ACTB Antibody at 1:2000 dilution + C6 cell lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 41 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of ACTB Antibody (ABIN658990 and ABIN2838035) with Hela cell followed by Alexa Fluor® 488-conjugated goat anti-mouse IgG (green). DI was used to stain the cell nuclear (blue).

Please check the product details page for more images. Overall 7 images are available for ABIN658990.