

Product Datasheet

ACTR10 Antibody - Azide and BSA Free H00055860-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00055860-B01P

ACTR10 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

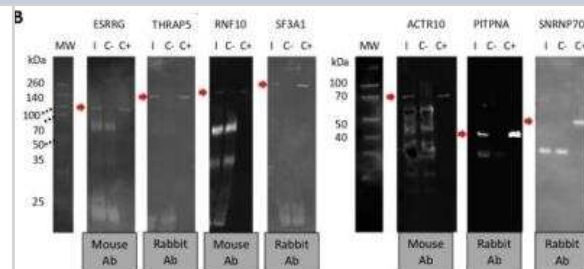
Product Description	
Description	Novus Biologicals Mouse ACTR10 Antibody - Azide and BSA Free (H00055860-B01P) is a polyclonal antibody validated for use in WB. Anti-ACTR10 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	55860
Gene Symbol	ACTR10
Species	Human, Rat
Specificity/Sensitivity	ACTR10 - actin-related protein 10 homolog (<i>S. cerevisiae</i>),
Immunogen	ACTR10 (NP_060947.1, 1 a.a. - 417 a.a.) full-length human protein. MPLYEGLGSGGEKTAVVIDLGEAFTKCGFAGETGPRCIIPSVIKRAGMPKPVRV VQYNINTEELYSYLKEFIHILYFRHLLVNPRDRRVIIESVLCPSHFRETLTRVLFK YFEVPSVLLAPSHLMALLTLGINSAMVLDCCGYRESLVLPYEGIPVLNCWGALPL GGKALHKELETQLLEQCTVDTSVAKEQSLPSVMGVSPEGVLEDIKARTCFVSD LKRGLKIQAAKFNIDGNNERPSPPPNVDYPLDGEKILHILGSIRDSVVEILFEQDN EEQSVATLILDSLIQCPIDTRKQLAENLVVIGGTSMLPGFLHRLLAIRYLVEKPK YKKALGKTKFRIHTPPAKANCVAWLGGAIFGALQDILGSRSVSKEYYNQTGRIP DWCSLNNPPEMMFDVGKTQPPLMKRAFSTEK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:500
Application Notes	Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control.

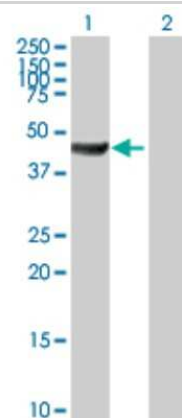


Images

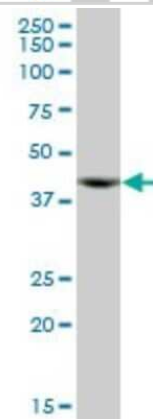
Western Blot: ACTR10 Antibody [H00055860-B01P] - Western blot analysis of AKR2-protein interactions. Interacting proteins were incubated with AKR2 and immunoprecipitated with c-Myc magnetic beads specific for the AKR2 protein tag (I) or with the c-Myc magnetic beads only as negative control (C-). Recombinant interacting proteins were included as positive control (C+). Mouse or rabbit antibodies specific for each protein were used as primary antibodies and then anti-mouse or anti-rabbit secondary antibodies were used to identify the presence of the interacting proteins (red arrow). Image collected and cropped by CiteAb from the following publication (hmdpi.com/2076-393X/8/1/77), licensed under a CC-BY license.



Western Blot: ACTR10 Antibody [H00055860-B01P] - Analysis of ACTR10 expression in transfected 293T cell line by ACTR10 polyclonal antibody. Lane 1: ACTR10 transfected lysate (45.87 KDa). Lane 2: Non-transfected lysate.

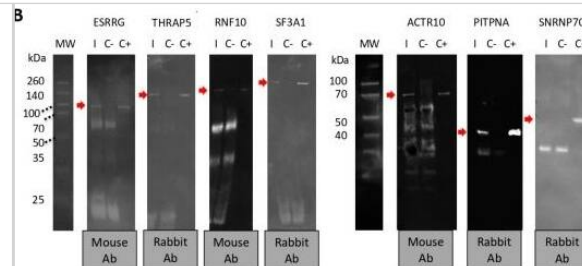


Western Blot: ACTR10 Antibody [H00055860-B01P] - Analysis of ACTR10 expression in rat brain.



Corroboration of human AKR2–protein interactions with highest confidence. (A) Representation of the components of the protein pull-down experiment using c-Myc magnetic beads with Myc-tagged human AKR2. (B) Western blot analysis of AKR2–protein interactions.

Interacting proteins were incubated with AKR2 & immunoprecipitated with c-Myc magnetic beads specific for the AKR2 protein tag (I) or with the c-Myc magnetic beads only as negative control (C-). Recombinant interacting proteins were included as positive control (C+). Mouse or rabbit antibodies specific for each protein were used as primary antibodies & then anti-mouse or anti-rabbit secondary antibodies were used to identify the presence of the interacting proteins (red arrow). The origin of the primary antibody is shown. (C) Corroboration of human AKR2–AKR2 interaction using protein pull-down with c-Myc magnetic beads with human Myc-tagged AKR2. The experiment was conducted as described in (B). The origin of the primary antibody & predicted size for AKR2 monomer, dimer, & trimer together with bands corresponding to fragments of the mouse anti-c-Myc antibody attached to magnetic beads are shown. (D) In order to identify unrelated proteins eluted from the c-Myc magnetic beads, a similar experiment was conducted with selected proteins but incubating only with the secondary antibody. A lane of SDS-PAGE stained with Bio-Safe Coomassie Stain corresponding to c-Myc magnetic beads alone eluted using Laemmli sample buffer was included (C--). The bands corresponding to fragments of the mouse anti-c-Myc antibody attached to magnetic beads are shown. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/32046307>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Artigas-JerOnimo S, ComIn JJP, Villar M et al. A Novel Combined Scientific and Artistic Approach for the Advanced Characterization of Interactomes: The Akirin/Subolesin Model Vaccines (Basel) 2020-02-08 [PMID: 32046307]



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Products Related to H00055860-B01P

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97019-5mg	Mouse IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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