www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-Actin Antibody

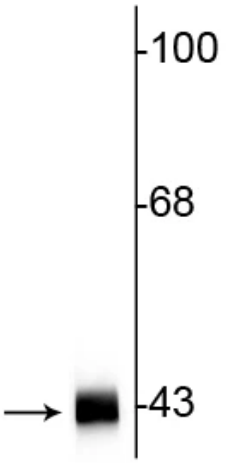
phosphosolutions ANTIBODIES THAT WORK

Product Details

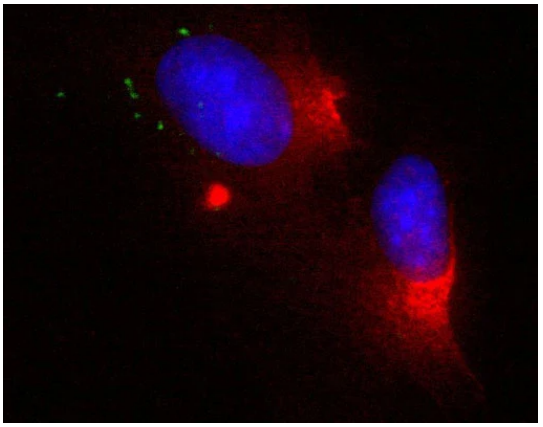
Available Variants	100 µL (SKU:125-ACT) 25 µL (SKU:125-ACTt)
Conjugate	Unconjugated
Isotype	IgG1
Clone	C4
Gene Name	ACTA1
Host Species	Mouse
Format	Mouse ascites fluid
Physical State	Liquid
Buffer	Ascites fluid + 0.01% NaN3.
Production Notes	Unpurified ascites fluid.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:5000 WB Brain: 1:5000 IHC: 1:500 ICC: 1:200-1:500
Immunogen	Preparation of chicken gizzard actin
Specificity	Specific for endogenous levels of the ~42 kDa actin protein. Reacts with all actin isoforms.
Molecular Weight	42 kDa
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term

	at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.
Antibody Registry ID	AB_2492035
UniProt ID	P68139
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	421534

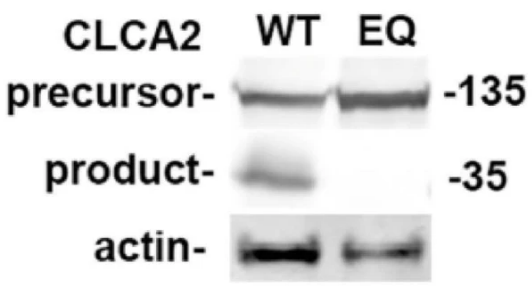
Product Images



Western blot of rat hippocampal lysate showing specific immunolabeling of the ~42 kDa actin protein.



Immunofluorescence staining of human blood-brain barrier endothelial cells, HMEC 3, showing specific labeling of actin (Cat. 125-ACT, red, 1:200) The cell nuclei are stained in blue with DAPI. Photo credit of Yancy Ferrer-Acosta/Henrique Martins, Universidad Central Del Caribe, PR.



Immunoblot of wildtype (WT) and E165Q (EQ) cell lines used in the analysis. Blot: anti-Flag and anti-actin (Cat. 125-ACT) antibodies. Ix

---