

SIMPLE WESTERN CERTIFIED ANTIBODY DATASHEET

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biotechne®

PROTEIN TARGET/ANTIBODY	
Protein Target	beta Actin
Protein Isoform	Unmodified
Antibody Type	Primary
Host Species/Clonality	Mouse Monoclonal
ASSAY	
Sample Type	ARPE-19
Sample Concentration	
Antibody Concentration/Dilution	1:50
Antibody Diluent	
Detection Mode	Chemiluminescence
Separation Type	Size
Matrix	Not_Stated
Observed kDa	Not_Stated

PUBLICATIONS

1. Milićević, N., Mazzaro, N., et al. Rev-Erba and Photoreceptor Outer Segments modulate the Circadian Clock in Retinal Pigment Epithelial Cells. *Sci Rep.* 2019 Aug 13;9(1):11790. 10.1038/S41598-019-48203-3. PMID:31409842.
2. Friis, S., Madsen, D. H., et al. Distinct Developmental Functions of Proctasin (CAP1/PRSS8) Zymogen and Activated Proctasin. *J Biol Chem.* 2016 Feb 5;291(6):2577-82. 10.1074/JBC.C115.706721. PMID:26719335.
3. Friis, S., Tadeo, D., et al. Matriptase zymogen supports epithelial development, homeostasis and regeneration. *BMC Biol.* 2017 Jun 1;15(1):46. 10.1186/S12915-017-0384-4. PMID:28571576.
4. Parcon, P. A., Balasubramaniam, M., et al. Apolipoprotein E4 inhibits autophagy gene products through direct, specific binding to CLEAR motifs. *Alzheimers Dement.* 2018 Feb;14(2):230-242. 10.1016/J.JALZ.2017.07.754. PMID:28945989.
5. Mares, A., Miah, A. H., et al. Extended pharmacodynamic responses observed upon PROTAC-mediated degradation of RIPK2. *Commun Biol.* 2020 Mar 20;3(1):140. 10.1038/S42003-020-0868-6. PMID:32198438.
6. Miyatake, S., Kato, M., et al. De novo ATP1A3 variants cause polymicrogyria. *Sci Adv.* 2021 Mar;7(13):NULL. 10.1126/SCIADV.ABD2368. PMID:33762331.

This antibody is validated for Gel-Free, Blot Free, Hands Free Simple Western Systems. To learn about Simple Western Systems, available Simple Western antibodies, or new antibody submissions visit the links below. For additional information, please contact support@proteinsimple.com.

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