

## Product datasheet for 73-337

### STON2 Mouse Monoclonal Antibody [Clone ID: N346/9]

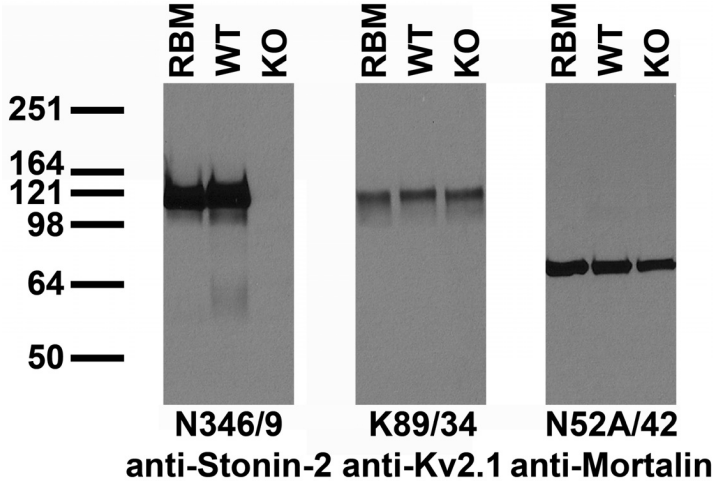
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	N346/9
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 1-555 (N-terminus) of human Stonin-2 (also known as Stoned B, STON2, STN2 and STNB, accession number Q8WXE9). Mouse: 86% identity (480/556 amino acids identical) Rat: 85% identity (474/555 amino acids identical) >50% identity with Stonin-1 (73/135 amino acids) near Cterminus
Specificity:	Does not cross-react with Stonin-1
Formulation:	State: Supernatant
Gene Name:	stonin 2
Database Link:	<a href="#">Entrez Gene 85439 Human</a>
Synonyms:	STN2; STNB; STNB2
Note:	USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody _ was developed by and/or obtained from the UC Davis/NIH NeuroMab Facility, supported by NIH grant U24NS050606 and maintained by the Department of Neurobiology, Physiology and Behavior, College of Biological Sciences, University of California, Davis, CA 95616." Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e.g., RRID:AB_2120479) to avoid ambiguity. <a href="#">View Research License Agreement</a>

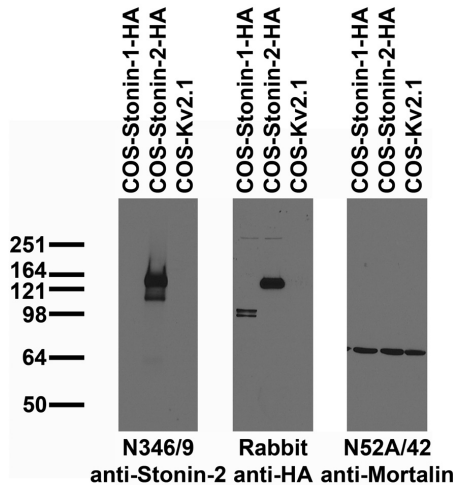


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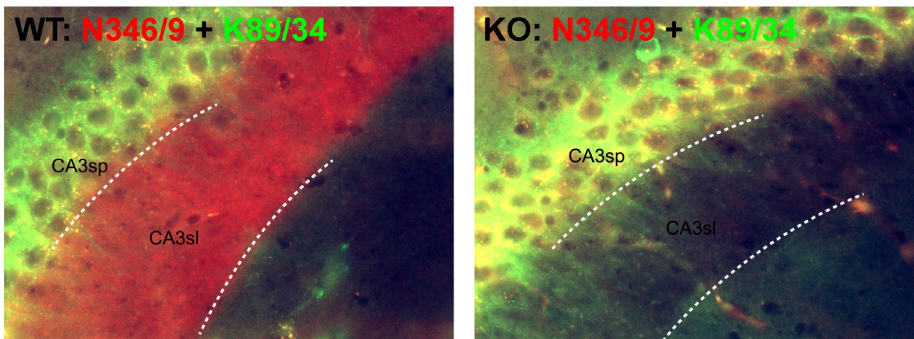
Product images:



Immunoblot versus crude membranes from adult rat brain (RBM) and WT and Stonin-2 KO mouse brains probed with N346/9 (left), K89/34 (middle) and N52A/42 (right) TC supes. Mouse brains courtesy of Fabian Feutlinske and Volker Haucke (Freie Universität Berlin).



Transfected cell immunoblot: extracts of COS cells transiently transfected with HA-tagged Stonin-1, Stonin-2 or untagged Kv2.1 plasmid and probed with N346/9 TC supe (left), Rabbit anti-HA (middle) or N52A/42 TC supe (right).



Immunofluorescence staining of adult hippocampus (sp = stratum pyramidale, sl = stratum lucidum) from Stonin-2 wild-type (WT) and knockout (KO) mice with N346/9 (red) and K89/34 (green). Mouse brains courtesy of Fabian Feutlinske and Volker Haucke (Freie Universität Berlin).