



## p11 (Calpactin I Light Chain / Annexin II) Data Sheet

---

<b>Catalog Number:</b>	CH14101	<b>Host:</b>	Chicken
<b>Product Type:</b>	Affinity Purified	<b>Species:</b>	Rat
<b>Immunogen Sequence:</b>	CNQKDPLAVDK	<b>Reactivity:</b>	
		<b>Format:</b>	100 ul liquid at a concentration of 1.0 mg/ml in PBS containing 0.05% sodium azide
<b>Applications:</b>	Immunohistochemistry: 1:100-600 Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
<b>Storage:</b>	Maintain at +2-8°C for 3 months or at -20°C for longer periods. Stable for 1 year. <i>Avoid repeated freeze-thaw cycles.</i>		

---

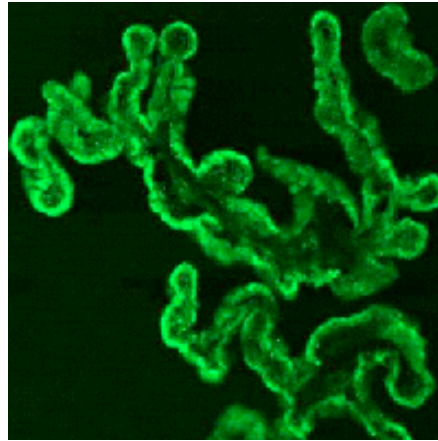
### Application Notes

#### Description/Data:

The p11 protein belongs to a family of small dimeric proteins which share sequence homologies with S100a and S100b. It is closely related to serotonin transmission in the brain -- and may play a key role in determining susceptibility to depression.

In addition, the p11 could be involved in regulating pain via the Nav1.8 pathway. Changes in the extracellular expression of the plasminogen receptor protein, p11, dramatically affect tumor cell-mediated pericellular proteolysis.

*Image: P11 immunofluorescence in rat choroid plexus and FITC-conjugated donkey anti-chicken secondary antibodies.*



**FOR RESEARCH USE ONLY**

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RSKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. - V2 07/2012

---

[www.neuromics.com](http://www.neuromics.com)

Neuromics Antibodies • 5325 West 74<sup>th</sup> Street, Suite 8 • Edina, MN 55439  
phone 866-350-1500 • fax 612-677-3976 • e-mail [pshuster@neuromics.com](mailto:pshuster@neuromics.com)