



## Anti Opalin Polyclonal Antibody

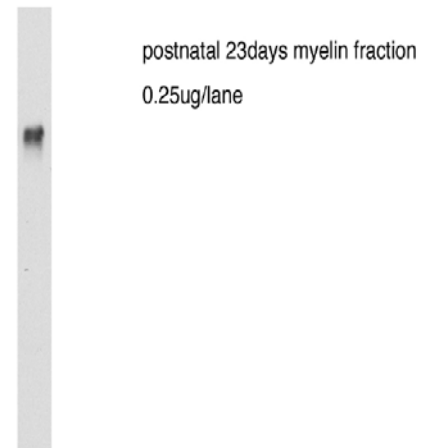
Catalog No. RIK-B-OP

Lot number	TFOP-01
Host animal	Rabbit
Immunogen	Opalin C-terminal 16 amino acid residues (from amino acid 128 to 143, ERRRGLWWLVPSLSLE)
Purity	affinity purified
Concentration	6.0mg/ml
Volume	100ug
Formulation	PBS (pH7.4) with 0.03% NaN <sub>3</sub> as a preservative.
Cross Reactivity	Not Tested
Application/ Recommended concentration	<ul style="list-style-type: none"><li>• <b>Western Blot:</b> 1/5,000-1/10,000.</li><li>• <b>Immunohistochemistry:</b> 1/5,000-1/10,000</li><li>• <b>Immunoprecipitation:</b> 1/1,000-1/5,000</li></ul>



(Fig.1)

生後 21 日のマウス脳組織の免疫染色  
(DAB 発色) 写真



(Fig.2)

生後 23 日のマウス脳ミエリン画分の  
ウェスタンブロット解析写真





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<b>Storage</b>	Store below 4 Aliquot to avoid cycles of freeze/thaw.
<b>Reference</b>	<ol style="list-style-type: none"><li>1. Yoshikawa, F., Sato, Y., Tohyama, K., Akagi, T., Hashikawa, T., Nagakura-Takagi, Y., Sekine, Y., Morita, N., Baba, H., Suzuki, Y., Sugano, S., and Furuichi, T. (2008). Opalin, a transmembrane sialylglycoprotein located in the central nervous system myelin paranodal loop membrane. <i>J. Biol. Chem.</i> in press.</li><li>2. Aruga, J., Yoshikawa, F., Nozaki, Y., Sakai, Y., Toyoda, A., and Furuichi, T. (2007). An oligodendrocyte enhancer in a phylogenetically conserved intron region of the mammalian myelin gene Opalin. <i>J. Neurochem.</i> 102: 1533-1547.</li></ol>

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For research use only; not for use as a diagnostic.

本製品は、独立行政法人理化学研究所の発明  特開 2006-083123 「ミエリン鞘のループに局在する蛋白質を認識する抗体」の実施許諾を受けています。

