



COSMO BIO CO., LTD.

Inspiration for Life Science

POLYCLONAL ANTIBODY

For research use only. Not for clinical diagnosis.

Catalog No. RIK-B-OP

Anti Opalin

Product type	Primary antibodies
Host	Rabbit
Source	Serum
Form	Liquid
	Immunogen affinity purified
	PBS (pH7.4) with 0.03% NaN ₃ as a preservative.
Volume	100 µg
Concentration	6.0mg/ml
Specificity	Opalin
Antigen	Opalin C-terminal 16 amino acid residues (from amino acid 128 to 143, ERRRGLWWLVPSLSLE)
Isotype	IgG

Application notes WB, IHC, IP

Recommended use

Recommended dilutions

Western Blot: 1/5,000-1/10,000.

Immunohistochemistry: 1/5,000-1/10,000

Immunoprecipitation: 1/1,000-1/5,000

Optimal dilutions/concentrations should be determined by the end user.

Staining Pattern

Cross reactivity Not Tested

Storage Store below 4°C (below -70°C for prolonged storage). Aliquot to avoid cycles of freeze/thaw.

References

- 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 sialoglycoprotein located in the central nervous system myelin paranodal loop membrane. J. Biol. Chem. in press.
- 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. J. Neurochem. 102: 1533-1547.



postnatal 23days myelin fraction
0.25ug/lane



本製品は、独立行政法人理化学研究所の発明 RIKEN 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。

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TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN

URL: <http://www.cosmobio.co.jp>

e-mail: export@cosmobio.co.jp

[Outside Japan] Phone : +81-3-5632-9617

[国内連絡先] Phone : +81-3-5632-9610

FAX : +81-3-5632-9618

FAX : +81-3-5632-9619