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# Myelin Basic Protein (YD35772) Rat mAb

货号: **AYD24661**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human, Mouse, Rat   |
| 宿主    | Rabbit  |
| 克隆性   | Monoclonal  |
| 预测反应  |   |
| 应用    | WB IHC-P ICC/IF   |
| 推荐浓度  |   |
| 理论分子量 | 33kDa   |
| 实测分子量 |   |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated  |
| 阳性对照  | Mouse brain,Rat brain   |
| 细胞定位  | Myelin membrane, Nucleus  |
| 纯化    | 亲和纯化  |

## 抗原信息

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|------|--|
| 抗原信息 |  |
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## 靶点信息

|       |   |
|-------|---|
| 研究背景  | The protein encoded by the classic MBP gene is a major constituent of the myelin sheath of oligodendrocytes and Schwann cells in the nervous system. However, MBP-related transcripts are also present in the bone marrow and the immune system. These mRNAs arise from the long MBP gene (otherwise called 'Golli-MBP') that contains 3 additional exons located upstream of the classic MBP exons. Alternative splicing from the Golli and the MBP transcription start sites gives rise to 2 sets of MBP-related transcripts and gene products. The Golli mRNAs contain 3 exons unique to Golli-MBP, spliced in-frame to 1 or more MBP exons. They encode hybrid proteins that have N-terminal Golli aa sequence linked to MBP aa sequence. The second family of transcripts contain only MBP exons and produce the well characterized myelin basic proteins. This complex gene structure is conserved among species suggesting that the MBP transcription unit is an integral part of the Golli transcription unit and that this arrangement is important for the function and/or regulation of these genes. |
| 基因ID  | 4155  |
| 基因名   | MBP   |
| Swiss | P02686 ( <a href="https://www.uniprot.org/uniprotkb/P02686/entry">https://www.uniprot.org/uniprotkb/P02686/entry</a> )  |
| 别名    | Myelin Basic Protein (YD35772), Myelin Basic Protein (YD35772) Rat mAb, MBP, Myelin A1 protein, Myelin membrane encephalitogenic protein  |

## 产品验证

## 实验步骤

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