

## Product datasheet

# Anti-MYO9B antibody ab11098

### 概述

|       |   |
|-------|---|
| 产品名称  | Anti-MYO9B抗体  |
| 描述    | 兔多克隆抗体to MYO9B  |
| 宿主    | Rabbit  |
| 经测试应用 | 适用于: WB   |
| 种属反应性 | 与反应: Rat  |
| 免疫原   | Synthetic peptide conjugated to KLH, corresponding to amino acids 1960-1980 of Rat MYO9B. |
| 阳性对照  | Rat embryonic brain extract.  |

### 性能

|      |  |
|------|--|
| 形式   | Liquid   |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  |
| 存储溶液 | Preservative: 15mM Sodium Azide<br>Constituents: 0.01M PBS, pH 7.4   |
| 纯度   | IgG fraction   |
| 纯化说明 | Whole antiserum is fractionated and then further purified by ion-exchange chromatography to provide the IgG fraction of antiserum that is essentially free of other rabbit serum proteins. |
| 克隆   | 多克隆  |
| 同种型  | IgG  |

### 应用

Our [Abpromise guarantee](#) covers the use of **ab11098** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明   |
|----|------|--|
| WB |      | 1/1000. Detects a band of approximately 230 kDa. |

### 靶标

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|             |   |
|-------------|---|
| <b>相关性</b>  | Myosin IX belongs to the family of unconventional myosins, distinct from the classical myosins I and myosins II. Myosin IX, thought to be involved in signal transduction and leukocyte differentiation, includes several isoforms. The rat isoforms are myosin IX/Myr5 (230 kDa) and Myr7 (300 kDa), and the human isoforms are myosin IXa (MYO9A) and myosin IXb (MYO9B). The isoforms of myosin IX have similar overall domain structure and are expressed in many tissues and cell types, although they have distinct tissue expression patterns. The subcellular localization of class IX myosins appears to be partly cytoplasmic, and partly associated with membranes and the actin cytoskeleton. The expression level of myosins IX may vary during development and differentiation. |
| <b>细胞定位</b> | Cytoplasm; cell cortex. Cytoplasm; perinuclear region. Note=In undifferentiated cells colocalizes with F-actin in the cell periphery while in differentiated cells its localization is cytoplasmic with the highest levels in the perinuclear region.   |

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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