

**EMP-3 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10711****Specification**

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**EMP-3 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P54852</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	18429

**EMP-3 Antibody - Additional Information****Gene ID** 2014

Application & Usage	Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Due to glycosylation, the antibody detects higher molecular weight bands (~32 kDa) than predicted 18 kDa band.
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**Other Names**

Epithelial membrane protein 3 antibody Hematopoietic neural membrane protein 1 antibody  
Hematopoietic neural membrane protein antibody HGNC:3335 antibody HNMP 1, YMP

**Target/Specificity**

EMP-3

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit anti-rat EMP3 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions**

**Precautions**

EMP-3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**EMP-3 Antibody - Protein Information**

**Name** EMP3

**Synonyms** YMP

**Function**

Probably involved in cell proliferation and cell-cell interactions.

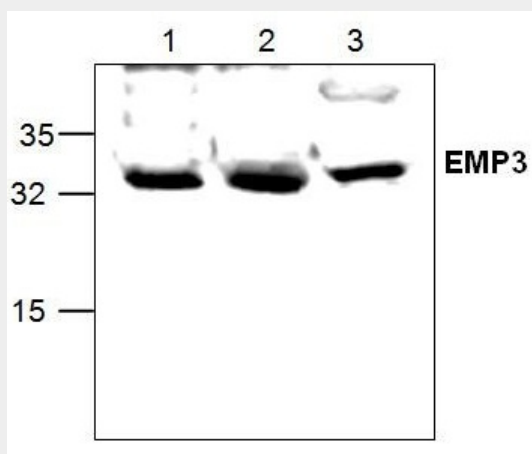
**Cellular Location**

Membrane; Multi-pass membrane protein.

**EMP-3 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**EMP-3 Antibody - Images**

Western blot analysis of EMP3 using Jurkat cell lysate (Lane 1 & 2) and in 3T3 cell lysate (Lane 2)

**EMP-3 Antibody - Background**

Epithelial membrane protein 3 (EMP3) is a multi pass membrane protein that has two N-glycosylation and four transmembrane domain. EMP3 is a myelin-related protein involves in cell-cell interactions and cell proliferation. Over-expression of EMP3 may indicate carcinogenesis or the development of oligodendroglial tumors.