

**GMFG Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP7871a****Specification**

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**GMFG Antibody (N-term) - Product Information**

Application	<b>WB, IHC-P,E</b>
Primary Accession	<a href="#">O60234</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Antigen Region	<b>1-30</b>

**GMFG Antibody (N-term) - Additional Information****Gene ID** 9535**Other Names**

Glia maturation factor gamma, GMF-gamma, GMFG

**Target/Specificity**

This GMFG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human GMFG.

**Dilution**

WB~~1:1000

IHC-P~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

GMFG Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**GMFG Antibody (N-term) - Protein Information****Name** GMFG**Tissue Location**

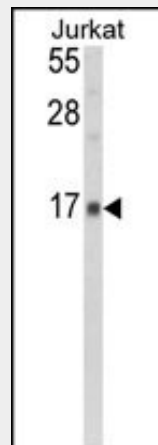
Expressed predominantly in lung, heart and placenta

## GMFG Antibody (N-term) - Protocols

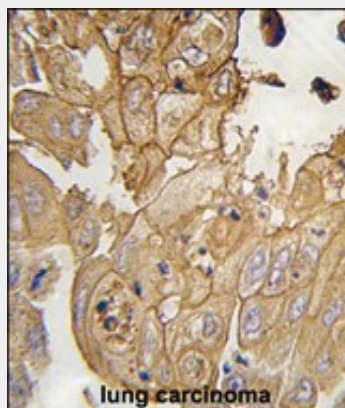
Provided below are standard protocols that you may find useful for product applications.

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

## GMFG Antibody (N-term) - Images



Western blot analysis of GMFG Antibody (N-term) (Cat. #AP7871a) in Jurkat cell line lysates (35ug/lane). GMFG (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with GMFG antibody (N-term) (Cat.#AP7871a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

## GMFG Antibody (N-term) - Background

Glia maturation factor gamma (GMFG) is a cytokine-responsive protein in erythropoietin-induced and granulocyte-colony stimulating factor-induced hematopoietic lineage development. It may be

involved in glial differentiation, neural regeneration, and inhibition of tumor cell proliferation.

#### **GMFG Antibody (N-term) - References**

Shi,Y., Genomics Proteomics Bioinformatics 4 (3), 145-155 (2006) Kawai,Y., Biochim. Biophys. Acta 1625 (3), 246-252 (2003) Peters,N., Neurogenetics 2 (3), 163-166 (1999)

#### **GMFG Antibody (N-term) - Citations**

- [Glia maturation factor- \$\gamma\$  regulates murine macrophage iron metabolism and M2 polarization through mitochondrial ROS.](#)
- [Glia maturation factor- \$\gamma\$  negatively modulates TLR4 signaling by facilitating TLR4 endocytic trafficking in macrophages.](#)
- [Glia maturation factor- \$\hat{1}^3\$  mediates neutrophil chemotaxis.](#)