

# GMFG Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP7871a

## Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">O60234</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Calculated MW</b>	16801
<b>Antigen Region</b>	1-30

## Additional Information

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<b>Gene ID</b>	9535
<b>Other Names</b>	Glia maturation factor gamma, GMF-gamma, GMFG
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	GMFG Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	GMFG
<b>Tissue Location</b>	Expressed predominantly in lung, heart and placenta

## Background

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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.

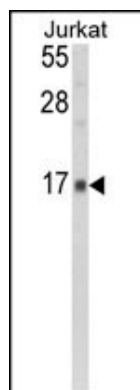
## References

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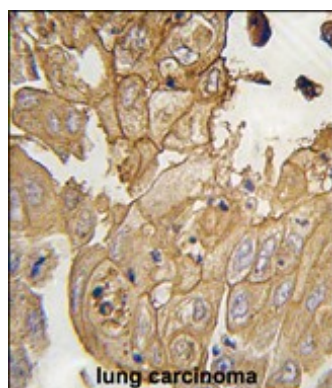
Shi,Y., Genomics Proteomics Bioinformatics 4 (3), 145-155 (2006) Kawai,Y., Biochim. Biophys. Acta 1625 (3), 246-252 (2003) Peters,N., Neurogenetics 2 (3), 163-166 (1999)

## Images

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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.

## Citations

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- [Glia maturation factor-γ regulates murine macrophage iron metabolism and M2 polarization through mitochondrial ROS.](#)
- [Glia maturation factor-γ negatively modulates TLR4 signaling by facilitating TLR4 endocytic trafficking in macrophages.](#)
- [Glia maturation factor-β mediates neutrophil chemotaxis.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.