

## PGA4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP13025b

### Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">P0DJD7</a>
<b>Other Accession</b>	<a href="#">P0DJD9</a> , <a href="#">P28713</a> , <a href="#">P27822</a> , <a href="#">P0DJD8</a> , <a href="#">P27821</a> , <a href="#">P28712</a> , <a href="#">P00790</a> , <a href="#">NP_001073276.1</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Rabbit
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB32804
<b>Calculated MW</b>	41977
<b>Antigen Region</b>	353-381

### Additional Information

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<b>Gene ID</b>	643847
<b>Other Names</b>	Pepsin A-4, Pepsinogen-4, PGA4
<b>Target/Specificity</b>	This PGA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 353-381 amino acids from the C-terminal region of human PGA4.
<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 purified through a protein A column, followed by peptide affinity purification.
<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>	PGA4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

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<b>Name</b>	PGA4
<b>Function</b>	Shows particularly broad specificity; although bonds involving phenylalanine and leucine are preferred, many others are also cleaved to some extent.

## Background

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PGA4 shows particularly broad specificity; although bonds involving phenylalanine and leucine are preferred, many others are also cleaved to some extent.

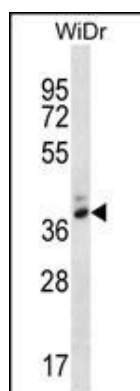
## References

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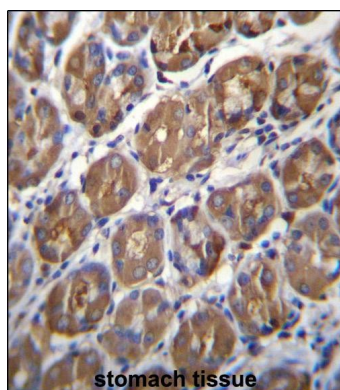
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Evers, M.P., et al. Genomics 4(3):232-239(1989)  
Foltmann, B. FEBS Lett. 241 (1-2), 69-72 (1988) :  
Ichihara, Y., et al. J. Biochem. 98(2):483-492(1985)

## Images

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PGA4 Antibody (C-term) (Cat. #AP13025b) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the PGA4 antibody detected the PGA4 protein (arrow).



PGA4 Antibody (C-term) (Cat. #AP13025b) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PGA4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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