

# Intrinsic Factor Rabbit pAb

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Catalog # AP56974

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P27352</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	45416
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human Intrinsic Factor
<b>Epitope Specificity</b>	321-417/417
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Secreted
<b>SIMILARITY</b>	Belongs to the eukaryotic cobalamin transport proteinsfamily.
<b>DISEASE</b>	Hereditary intrinsic factor deficiency (IFD)
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	This gene is a member of the cobalamin transport protein family. It encodes a glycoprotein secreted by parietal cells of the gastric mucosa and is required for adequate absorption of vitamin B12. Vitamin B12 is necessary for erythrocyte maturation and mutations in this gene may lead to congenital pernicious anemia. [provided by RefSeq, Jul 2008]

## Additional Information

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<b>Gene ID</b>	2694
<b>Other Names</b>	Cobalamin binding intrinsic factor, Gastric intrinsic factor, Intrinsic factor, IF, INF, CBLIF ( <a href="#">HGNC:4268</a> )
<b>Target/Specificity</b>	Gastric mucosa.
<b>Dilution</b>	WB=1:500-2000
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

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<b>Name</b>	CBLIF ( <a href="#">HGNC:4268</a> )
<b>Function</b>	Promotes absorption of the essential vitamin cobalamin (Cbl) in the ileum. After interaction with CUBN, the CBLIF-cobalamin complex is internalized via receptor-mediated endocytosis.
<b>Cellular Location</b>	Secreted.
<b>Tissue Location</b>	Gastric mucosa.

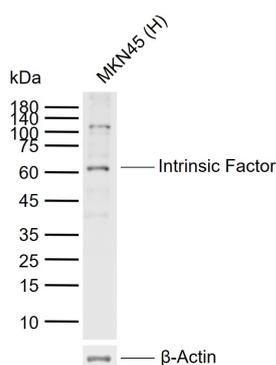
## Background

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## Images

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Sample:

Lane 1: Human MKN45 cell lysates

Primary: Anti-Intrinsic Factor (AP56974) at 1/200 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 43 kDa

Observed band size: 60 kDa

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