

Intrinsic Factor Rabbit pAb

Intrinsic Factor Rabbit pAb

Catalog # AP56974

Product Information

Application	WB
Primary Accession	P27352
Reactivity	Human
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45416
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Intrinsic Factor
Epitope Specificity	321-417/417
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted
DISEASE	Hereditary intrinsic factor deficiency (IFD)
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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

Gene ID	2694
Other Names	Cobalamin binding intrinsic factor, Gastric intrinsic factor, Intrinsic factor, IF, INF, CBLIF (HGNC:4268)
Dilution	WB=1:500-2000
Storage	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

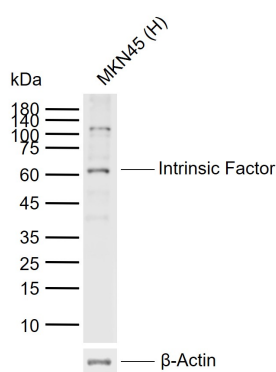
Name	CBLIF (HGNC:4268)
-------------	-------------------------------------

Function	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.
Cellular Location	Secreted.
Tissue Location	Gastric mucosa.

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



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'.