abcam

Product datasheet

Anti-Intrinsic Factor antibody ab102049

1 References 2 Images

Overview

Product name	Anti-Intrinsic Factor antibody
Description	Rabbit polyclonal to Intrinsic Factor
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Mouse
Immunogen	Recombinant full length protein within Human Intrinsic Factor aa 1-450. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please **contact** our Scientific Support team to discuss your requirements.
Positive control	Mouse stomach lysate. Transfected 293T cells.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4 Constituent: PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab102049 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

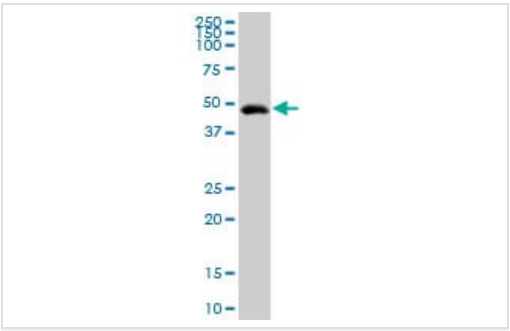
Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 46 kDa.

Target

Relevance Intrinsic factor promotes absorption of the essential vitamin Cobalamin (Cbl) in the ileum by specific receptor mediated endocytosis. Defects in the gene GIF are the cause of hereditary intrinsic factor deficiency (IFD) also called congenital pernicious anemia. IFD is an autosomal recessive disorder characterized by megaloblastic anemia.

Cellular localization Secreted

Images

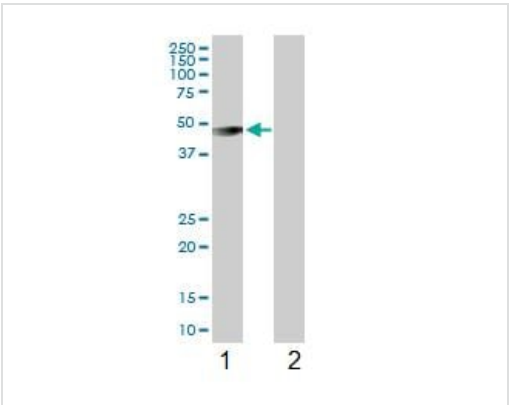


Western blot - Anti-Intrinsic Factor antibody (ab102049)

Anti-Intrinsic Factor antibody (ab102049) at 1/500 dilution + Mouse stomach lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 46 kDa



Western blot - Anti-Intrinsic Factor antibody (ab102049)

All lanes : Anti-Intrinsic Factor antibody (ab102049) at 1/500 dilution

Lane 1 : Intrinsic Factor transfected lysate
Lane 2 : Non transfected lysate

Lysates/proteins at 25 µg per lane.

Developed using the ECL technique.

Predicted band size: 46 kDa

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