Datasheet for 600-401-CL5

LMBRD1 Antibody

Overview

Description:	Anti-LMBRD1 (RABBIT) Antibody - 600-401-CL5
Item No.:	600-401-CL5
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	LMBRD1, also known as NESI (nuclear export signal-interacting protein, is a lysosomal membrane protein that is thought be involved in the transport and metabolism of cobalamin. LMBRD1 was initially identified as interacting with the large form of the hepatitis delta antigen and may be required for the nucleocytoplasmic shuttling of the hepatitis delta virus. Mutations in this gene are associated with the vitamin B12 metabolism disorder termed, homocystinuria-megaloblastic anemia complementation type F (cblF).
Synonyms:	LMBRD1 Antibody, NESI, LMBD1, MAHCF, C6orf209, NESI, BM-021, CD001, MSTP044, Probable lysosomal cobalamin transporter, HDAg-L-interacting protein NESI
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	LMBRD1
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-LMBRD1 antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid synthetic peptide near the C-terminus of human LMBRD1.

Purity/Specificity:	Anti-LMBRD1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with LMBRD1 from other sources has not been determined.
Relevant Links:	• UniProtKB - Q9NUN5 • GeneID - 55788 • NCBI - NP_060838

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-LMBRD1 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 62 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IF:	20 µg/mL
IHC:	2.5 µg/mL
WB:	1 µg/mL

Formulation

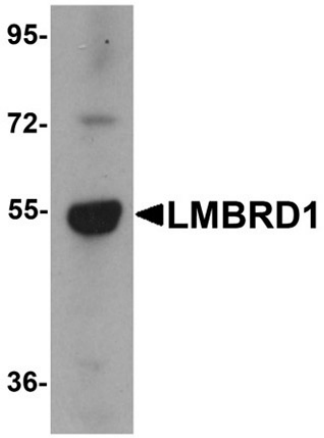
Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

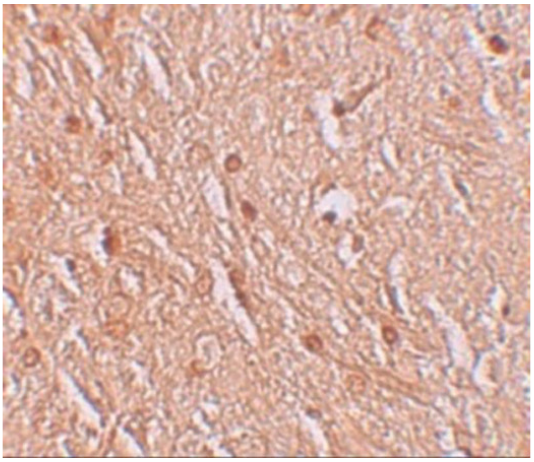
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

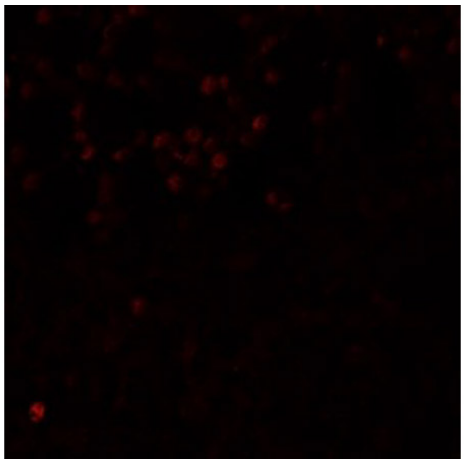
Images



Western Blot
Western blot analysis of LMBRD1.
Load: human brain tissue lysate.
Primary Antibody: Anti-LMBRD1 antibody at 1 µg/mL.



Immunohistochemistry
Immunohistochemistry of LMBRD1.
Tissue: human brain tissue.
Primary Antibody: Anti-LMBRD1 antibody at 2.5 µg/mL.



Immunofluorescence Microscopy
Immunofluorescence of LMBRD1.
Tissue: human brain tissue.
Primary Antibody: Anti-LMBRD1 antibody at 20 µg/mL.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.