

Datasheet for 600-401-BQ9**HEPACAM2 Antibody****Overview**

Description:	Anti-HEPACAM2 (RABBIT) Antibody - 600-401-BQ9
Item No.:	600-401-BQ9
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	HEPACAM2 (Hepatocyte cell adhesion molecule 2), a type I N-linked transmembrane glycoprotein, belongs to the immunoglobulin superfamily. The exact function of HEPACAM2 is currently unknown, but the related protein HEPACAM forms cis-homodimers on the cell surface to regulate the cell adhesion and may inhibit cell growth through suppression of cell proliferation. HEPACAM and HEPACAM2 mRNA are differentially regulated in canine tumors, with HEPACAM2 mRNA showing increased levels in adenomas, but decreased levels in metastatic carcinomas compared to normal tissues, while HEPACAM protein levels decreased in adenomas. It is therefore likely that HEPACAM2 plays a different role than HEPACAM in the development and progression to tumors.
Synonyms:	HEPACAM2 Antibody, MIK1, MIK1, UNQ305/PRO346, HEPACAM family member 2, Mitotic kinetics regulator
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	HEPACAM2
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide

Immunogen:	Anti- HEPACAM2 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 19 amino acid peptide near the C-terminus of human HEPACAM2.
Purity/Specificity:	Anti-HEPACAM2 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. HEPACAM2 antibody is human, mouse and rat reactive. At least two isoforms of HEPACAM2 are known to exist; this antibody will detect both isoforms. HEPACAM2 antibody is predicted to not cross-react with HEPACAM.
Relevant Links:	• UniProtKB - A8MVW5 • GeneID - 253012 • NCBI - NP_001034461

Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-HEPACAM2 Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 51 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:	1:5000 - 1:10000
WB:	0.5-1 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

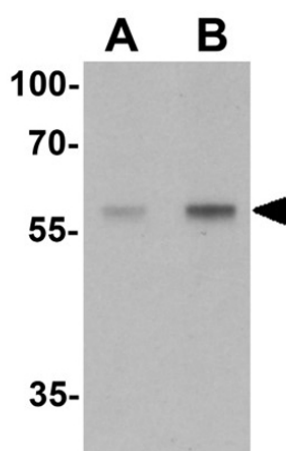
Shipping & Handling

Shipping Condition:	Dry Ice
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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 HEPACAM2.

Load: mouse brain tissue lysate.

Primary Antibody: HEPACAM2 antibody at (A) 0.5 µg/mL and (B) 1 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.