

Datasheet for 600-401-DX7**REQUIEM Antibody****Overview**

Description:	Anti-REQUIEM (RABBIT) Antibody - 600-401-DX7
Item No.:	600-401-DX7
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	Requiem is a member of the d4 domain family, characterized by a zinc finger-like structural motif. This protein functions as a transcription factor which is necessary for the apoptotic response following deprivation of survival factors. It is expressed in numerous tissues in both cytosolic and nuclear regions and likely serves a regulatory role in rapid hematopoietic cell growth and turnover. Requiem has been found to act as an adaptor protein that links the NF-κB and SWI/SNF chromatin remodeling factor and is considered a candidate gene for multiple endocrine neoplasia type I, an inherited cancer syndrome involving multiple parathyroid, enteropancreatic, and pituitary tumors.
Synonyms:	REQUIEM Antibody, REQ, UBID4, ubi-d4, BAF45D, REQ, Zinc finger protein ubi-d4, Apoptosis response zinc finger protein
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	DPF2
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-REQUIEM antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid synthetic peptide near the C-terminus of human Requiem.

Purity/Specificity:	Anti-REQUIEM Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Requiem antibody is predicted to not cross-react with other DPF protein family members.
Relevant Links:	• UniProtKB - Q92785 • GeneID - 5977 • NCBI - AAB81203

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-REQUIEM 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 44 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:	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

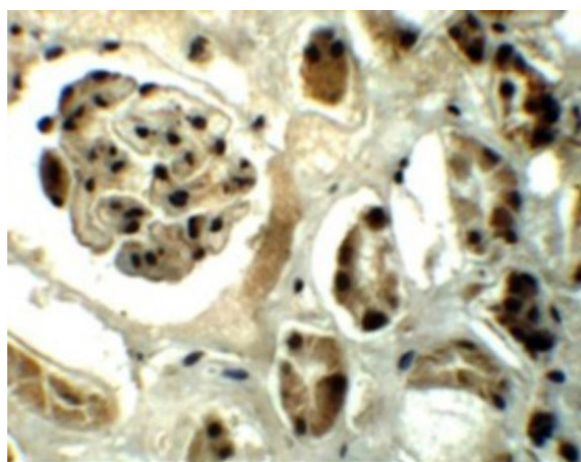
Shipping & Handling

Shipping Condition:	Dry Ice
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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

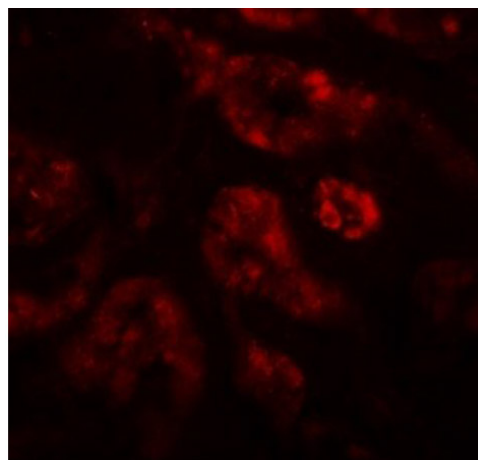


Immunohistochemistry

Immunohistochemistry of REQUIEM.

Tissue: human kidney tissue.

Primary Antibody: REQUIEM antibody at 5 µg/mL.

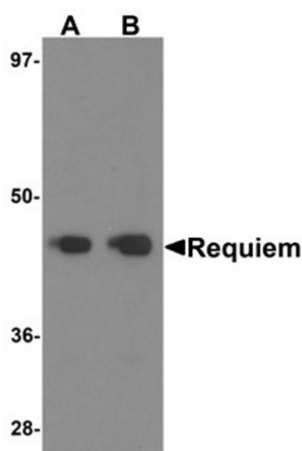


Immunofluorescence Microscopy

Immunofluorescence of REQUIEM.

Tissue: human kidney tissue.

Primary Antibody: REQUIEM antibody at 20 µg/mL.

**Western Blot**

Western blot analysis of REQUIEM.

Load: mouse kidney tissue lysate.

Primary Antibody: REQUIEM antibody at 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.