

Datasheet for 600-401-FZ2**WIZ Antibody****Overview**

Description:	Anti-WIZ (RABBIT) Antibody - 600-401-FZ2
Item No.:	600-401-FZ2
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	WIZ, also known as ZNF803, was initially identified in a mouse cerebellum cDNA library screen and its message was found to be expressed in the granule cell layers of the cerebellum as well as in the dentate gyrus and olfactory bulb. Later analysis indicates however that WIZ is ubiquitously expressed. WIZ is a nuclear protein that co-localizes with G9a, a histone methyltransferase responsible for mono- and dimethylation of H3K9 at euchromatic regions. WIZ can also associate with CtBP family proteins, known to be transcriptional co-repressors, and has been suggested to link G9a/GLP complexes to the CtBP co-repressor machinery, possibly regulating complex stability and gene silencing.
Synonyms:	WIZ Antibody, ZNF803, ZNF803, Protein Wiz, Widely-interspaced zinc finger-containing protein
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	WIZ
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-WIZ antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the C-terminus of human TFF3.

Purity/Specificity:	Anti-WIZ Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least four isoforms of WIZ are known to exist; this antibody will detect all four.
Relevant Links:	• UniProtKB - O95785 • GeneID - 58525 • NCBI - NP_001317324.1

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-WIZ 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 179 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

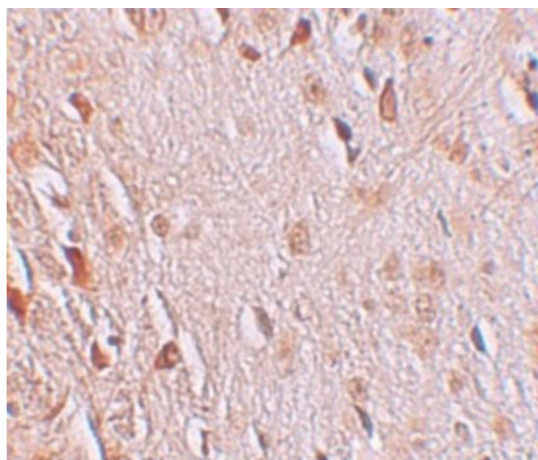
Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

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:

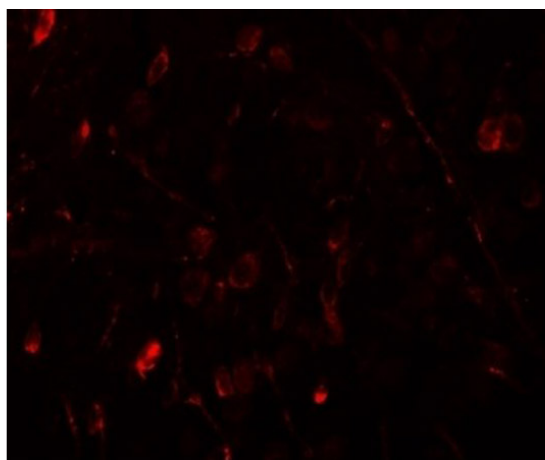
Expiration date is one (1) year from date of receipt.

Images**Immunohistochemistry**

Immunohistochemistry of WIZ.

Tissue: human brain tissue.

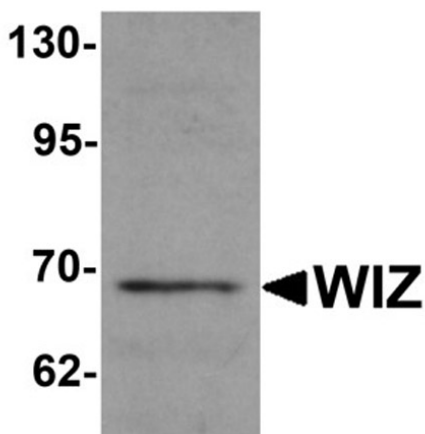
Primary Antibody: WIZ antibody at 2.5 µg/mL.

**Immunofluorescence Microscopy**

Immunofluorescence of WIZ.

Tissue: human brain tissue.

Primary Antibody: WIZ antibody at 20 µg/mL.

**Western Blot**

Western blot analysis of WIZ.

Load: rat lung tissue lysate.

Primary Antibody: WIZ 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.