

Datasheet for 600-401-AM3**CNRIP1 Antibody****Overview**

Description:	Anti-CNRIP1 (RABBIT) Antibody - 600-401-AM3
Item No.:	600-401-AM3
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	The CNRIP1 (cannabinoid receptor interacting protein 1) protein is a G-protein coupled receptor which interacts with the C-terminal tail of cannabinoid receptor 1 (CB1) and is thought to play a role in synaptic plasticity, analgesia, appetite, and neuroprotection. One isoform of CNRIP1, CNRIP1a, modulates the constitutive CB1 receptor activity in the central nervous system (CNS), while the role of the shorter isoform CNRIP1b is yet unknown. CNRIP1 has been suggested as a potential target for CNS drug discovery.
Synonyms:	CNRIP1 Antibody, CRIP1, C2orf32, CB1 cannabinoid receptor-interacting protein 1, CRIP-1
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CNRIP1
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-CNRIP1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 15 amino acid peptide near the internal region of human CNRIP1.

Purity/Specificity:	Anti-CNRIP1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least two isoforms of CNRIP1 are known to exist; this antibody will detect both isoforms.
Relevant Links:	• UniProtKB - Q96F85 • GeneID - 25927 • NCBI - NP_056278

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-CNRIP1 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 19 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 - 1:20,000
IF:	User Optimized
IHC:	User Optimized
WB:	1-2 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

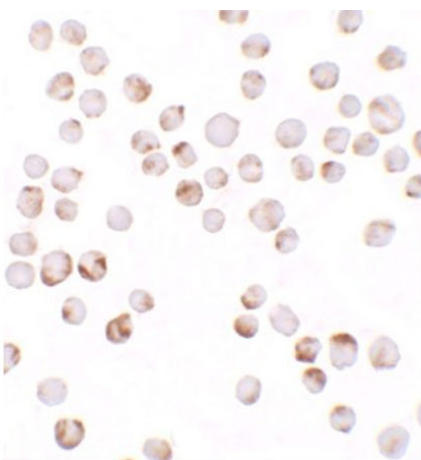
Shipping & Handling

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

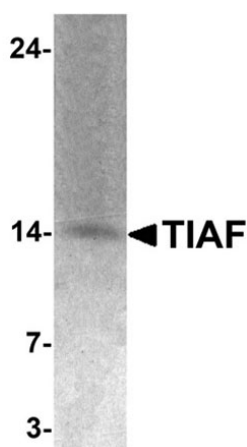


Immunocytochemistry

Immunocytochemistry of TIAF.

Cell: K562 cells.

Primary Antibody: TIAF antibody at 2.5 µg/mL.



Western Blot

Western blot of TIAF.

Load: K562 cell lysate.

Primary Antibody: TIAF 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.