

Datasheet for 600-401-AC2**CASKIN1 Antibody****Overview**

Description:	Anti-CASKIN1 (RABBIT) Antibody - 600-401-AC2
Item No.:	600-401-AC2
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Calcium/calmodulin-dependent serine protein kinase (CASK) is a conserved multi-domain scaffolding protein involved in brain development, synapse formation, and establishment of cell polarity. CASKINs (CASK interacting proteins) interact with CASK and is thought to play a role in CASK function, specifically by coupling CASK to distinct downstream effectors. CASKIN1 is a multidomain protein containing six N-terminal ankyrin repeats, one SH3 domain, and two sterile alpha motif domains followed by a long proline-rich sequence and a short conserved C-terminal domain. CASKIN1 coassembles with CASK on the cytoplasmic tail of neuexin 1, suggesting that CASKIN and CASK coat the cytoplasmic tails of neuexins and other cell-surface proteins.
Synonyms:	CASKIN1 Antibody, ANKS5A, KIAA1306, Caskin-1, CASK-interacting protein 1
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CASKIN1
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-CASKIN1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the internal region of human CASKIN1.

Purity/Specificity: Anti-CASKIN1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. CASKIN1 antibody is predicted to not cross-react with other CASKIN family members.

Relevant Links:

- [UniProtKB - Q8WXD9](#)
- [GeneID - 57524](#)
- [NCBI - NP_065815](#)

Application Details

Tested Applications: ELISA, WB

Application Note: Anti-CASKIN1 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 150 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

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

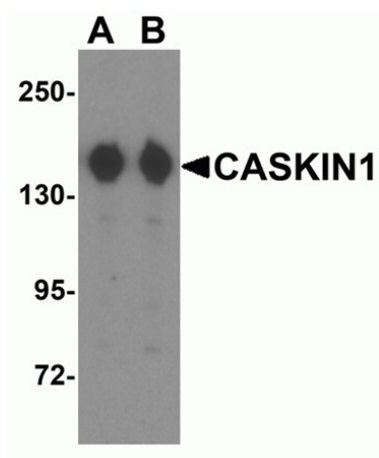
Shipping & Handling

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 CASKIN1.

Load: HeLa cell lysate.

Primary Antibody: CASKIN1 antibody at (A) 0.25 and (B) 0.5 $\mu\text{g/mL}$.

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.