

Resource Summary Report

Generated by [NIF](#) on Aug 6, 2026

Ankyrin G (P-20)

RRID:AB_2289736

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-31778, RRID:AB_2289736

Antibody Information

URL: http://antibodyregistry.org/AB_2289736

Proper Citation: Santa Cruz Biotechnology Cat# sc-31778, RRID:AB_2289736

Target Antigen: ANK3

Host Organism: goat

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Antibody Name: Ankyrin G (P-20)

Description: This polyclonal targets ANK3

Target Organism: rat, mouse, human

Clone ID: P-20

Antibody ID: AB_2289736

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-31778

Record Creation Time: 20250820T024900+0000

Record Last Update: 20250820T143607+0000

Ratings and Alerts

No rating or validation information has been found for Ankyrin G (P-20).

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Li L, et al. (2025) Selective loss of Scn2a in ventral tegmental area dopaminergic neurons leads to dopamine system hypofunction and autistic-like behaviors. *Neuron*.

Rai D, et al. (2021) Involvement of the C-terminal domain in cell surface localization and G-protein coupling of mGluR6. *Journal of neurochemistry*, 158(4), 837.

Lüningschrör P, et al. (2020) The FTLD Risk Factor TMEM106B Regulates the Transport of Lysosomes at the Axon Initial Segment of Motoneurons. *Cell reports*, 30(10), 3506.

Yoon S, et al. (2020) TGF- β -Induced Phosphorylation of Usp9X Stabilizes Ankyrin-G and Regulates Dendritic Spine Development and Maintenance. *Cell reports*, 31(8), 107685.

Yoon S, et al. (2020) Usp9X Controls Ankyrin-Repeat Domain Protein Homeostasis during Dendritic Spine Development. *Neuron*, 105(3), 506.

De Pace R, et al. (2020) Synaptic Vesicle Precursors and Lysosomes Are Transported by Different Mechanisms in the Axon of Mammalian Neurons. *Cell reports*, 31(11), 107775.

Jin X, et al. (2019) Dopamine D2 receptors regulate the action potential threshold by modulating T-type calcium channels in stellate cells of the medial entorhinal cortex. *The Journal of physiology*, 597(13), 3363.

Lischka K, et al. (2018) Expression patterns of ion channels and structural proteins in a multimodal cell type of the avian optic tectum. *The Journal of comparative neurology*, 526(3), 412.

González-Cabrera C, et al. (2017) Characterization of the axon initial segment of mice substantia nigra dopaminergic neurons. *The Journal of comparative neurology*, 525(16), 3529.