

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 1, 2026

S142D drebrin-YFP

RRID:Addgene_58336

Type: Plasmid

Proper Citation

RRID:Addgene_58336

Plasmid Information

URL: <http://www.addgene.org/58336>

Proper Citation: RRID:Addgene_58336

Insert Name: drebrin

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:23979715](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEYFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: S142D drebrin-YFP

Relevant Mutation: S142D, phospho-mimetic mutant

Record Creation Time: 20220422T222338+0000

Record Last Update: 20260829T080749+0000

Ratings and Alerts

No rating or validation information has been found for S142D drebrin-YFP.

No alerts have been found for S142D drebrin-YFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Dorskind JM, et al. (2023) Drebrin Regulates Collateral Axon Branching in Cortical Layer II/III Somatosensory Neurons. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(46), 7745.

Poobalasingam T, et al. (2022) The drebrin/EB3 pathway regulates cytoskeletal dynamics to drive neuritogenesis in embryonic cortical neurons. Journal of neurochemistry, 160(2), 185.

Chen C, et al. (2022) Neuronal paxillin and drebrin mediate BDNF-induced force transduction and growth cone turning in a soft-tissue-like environment. Cell reports, 40(7), 111188.

Meka DP, et al. (2019) Radial somatic F-actin organization affects growth cone dynamics during early neuronal development. EMBO reports, 20(12), e47743.