

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Human HAPLN4 Antibody

RRID:AB_2116264

Type: Antibody

Proper Citation

R and D Systems Cat# AF4085, RRID:AB_2116264

Antibody Information

URL: http://antibodyregistry.org/AB_2116264

Proper Citation: R and D Systems Cat# AF4085, RRID:AB_2116264

Target Antigen: HAPLN4

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry, Immunoprecipitation

Antibody Name: Human HAPLN4 Antibody

Description: This polyclonal targets HAPLN4

Target Organism: Human

Antibody ID: AB_2116264

Vendor: R and D Systems

Catalog Number: AF4085

Alternative Catalog Numbers: AF4085-SP

Record Creation Time: 20250819T211508+0000

Record Last Update: 20250819T222044+0000

Ratings and Alerts

No rating or validation information has been found for Human HAPLN4 Antibody.

No alerts have been found for Human HAPLN4 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Blondiaux A, et al. (2023) Linking epileptic phenotypes and neural extracellular matrix remodeling signatures in mouse models of epilepsy. *Neurobiology of disease*, 188, 106324.

Nojima K, et al. (2021) Assessment of Possible Contributions of Hyaluronan and Proteoglycan Binding Link Protein 4 to Differential Perineuronal Net Formation at the Calyx of Held. *Frontiers in cell and developmental biology*, 9, 730550.

Sucha P, et al. (2020) The Effect of Hapln4 Link Protein Deficiency on Extracellular Space Diffusion Parameters and Perineuronal Nets in the Auditory System During Aging. *Neurochemical research*, 45(1), 68.

Edamatsu M, et al. (2018) Hapln4/Bral2 is a selective regulator for formation and transmission of GABAergic synapses between Purkinje and deep cerebellar nuclei neurons. *Journal of neurochemistry*, 147(6), 748.

Cicanic M, et al. (2018) A deficiency of the link protein Bral2 affects the size of the extracellular space in the thalamus of aged mice. *Journal of neuroscience research*, 96(2), 313.

Sonntag M, et al. (2018) Synaptic coupling of inner ear sensory cells is controlled by brevican-based extracellular matrix baskets resembling perineuronal nets. *BMC biology*, 16(1), 99.