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HAPLN3 (h): 293T Lysate: sc-370829

BACKGROUND

HAPLN3 (hyaluronan and proteoglycan link protein 3) is a 360 amino acid protein encoded by the human gene HAPLN3. HAPLN3 belongs to the HAPLN family and contains one Ig-like V-type (immunoglobulin-like) domain and two link domains. HAPLN3 mediates the binding of complexes containing hyaluronic acid. It may play a pivotal role in the formation of the hyaluronan-associated matrix in the central nervous system (CNS), which facilitates neuronal conduction and general structural stabilization. HAPLN3 may also be involved in the formation of extracellular matrices contributing to perineuronal nets and facilitate the understanding of a functional role of these extracellular matrices. HAPLN3 is widely expressed, with highest levels in spleen and placenta.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: HAPLN3 (human) mapping to 15q26.1.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PRODUCT

HAPLN3 (h): 293T Lysate represents a lysate of human HAPLN3 transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS

HAPLN3 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive HAPLN3 antibodies. Recommended use: 10-20 µl per lane.

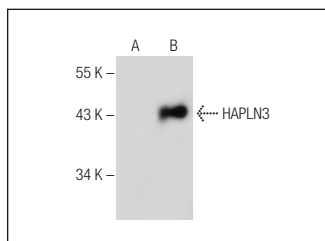
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

HAPLN3 (F-3): sc-377480 is recommended as a positive control antibody for Western Blot analysis of enhanced human HAPLN3 expression in HAPLN3 transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

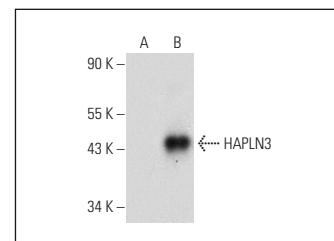
RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended: 1) Western Blotting: use m-IgGκ BP-HRP: sc-516102 or m-IgGκ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

DATA



HAPLN3 (F-3): sc-377480. Western blot analysis of HAPLN3 expression in non-transfected: sc-117752 (A) and human HAPLN3 transfected: sc-370829 (B) 293T whole cell lysates.



HAPLN3 (A-3): sc-390390. Western blot analysis of HAPLN3 expression in non-transfected: sc-117752 (A) and human HAPLN3 transfected: sc-370829 (B) 293T whole cell lysates.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.