SANTA CRUZ BIOTECHNOLOGY, INC.

# 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 peri-neuronal 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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## 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.

## CHROMOSOMAL LOCATION

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

## 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.

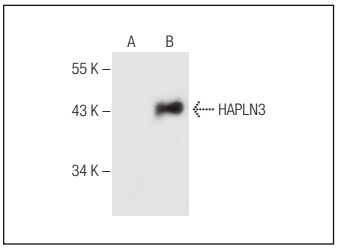
Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

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).

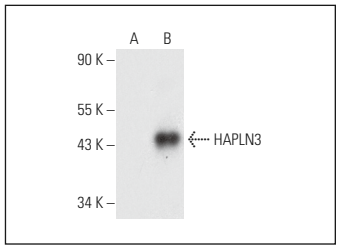
## RECOMMENDED SUPPORT REAGENTS

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.

## RESEARCH USE

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

## PROTOCOLS

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