

Mouse Nav1.7 Na⁺ Channel Monoclonal Antibody

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CATALOG # AAA47755	HOST Mouse	APPLICATIONS Immunohistochemistry, Immunoblot, Western Blot
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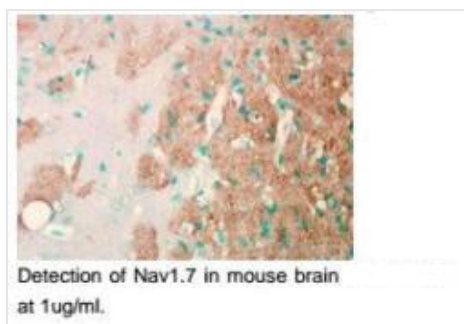
PRODUCT SYNONYMS

Nav1.7 Na⁺ Channel; Monoclonal Antibody; Nav1.7 Na⁺ Channel Monoclonal Antibody; Anti-Nav1.7 Na⁺ Channel; anti-Nav1.7 Na⁺ Channel antibody

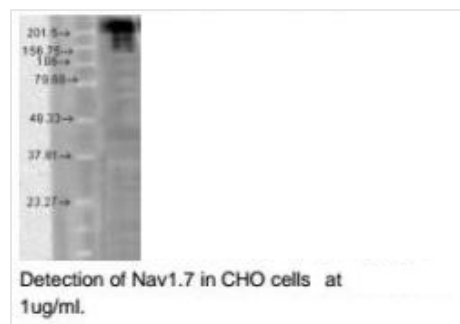
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	This antibody recognizes human, mouse, and rat Nav1.7. It does not cross-react with other Nav channels.
Applicable Applications for anti-Nav1.7 Na ⁺ Channel antibody	IHC (Immunohistochemistry), IB (Immunoblot)
Antigen	Fusion protein, aa 1751-1946 (cytoplasmic C-terminus) of human Nav1.7 (accession no. Q15858).
Dilution Instructions	Dilute in PBS or medium that is identical to that used in the assay system.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Avoid multiple freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-Nav1.7 Na⁺ Channel antibody

Ion channels are integral membrane proteins that help establish and control the small voltage gradient across the plasma membrane of living cells by allowing the flow of ions down their electrochemical gradient. Nav1.7 is a voltage-gated sodium channel that plays an important role in the generation and conduction of action potentials making it important for electrical signaling by most excitable cells. Since Nav1.7 is not present in cardiac muscle or neurons in the central nervous system, blockers of Nav1.7 will not directly affect those cells.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.