bs-6688R

[Primary Antibody]

Bioss ANTIBODIES

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SCN8A/Nav1.6 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 6334 SWISS: Q9UQD0

Target: SCN8A/Nav1.6

Immunogen: KLH conjugated synthetic peptide derived from human

SCN8A/Nav1.6: 251-314/314.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Mediates the voltage-dependent sodium ion permeability of

excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na(+) ions may pass in accordance with their electrochemical gradient. In macrophages and melanoma cells, isoform 5 may participate in

the control of podosome and invadopodia formation.

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) IF (1:100-500)

Reactivity: Mouse (predicted: Human,

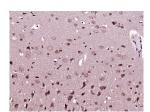
Rat, Rabbit, Pig, Cow, Dog)

Predicted 220 kDa

MVV.:

Subcellular Cytoplasm

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SCN8A/Nav1.6) Polyclonal Antibody, Unconjugated (bs-6688R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS ———

• [IF=3.309] Haoran Li. et al. Nav1.6 Promotes the Progression of Human Follicular Thyroid Carcinoma Cells via JAK-STAT Signaling Pathway. PATHOL RES PRACT. 2022 Jun;:153984 WB; Human. 35753135