

SCNM1 polyclonal antibody

Catalog: BS60558

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. SCNM1 (sodium channel modifier 1) is a 230 amino acid protein that contains one matrix-type zinc finger. Localized to the nucleus, SCNM1 is thought to function as an RNA splicing factor that may modify the expression of sodium channel-related proteins. SCNM1 exists as two alternatively spliced isoforms that are encoded by a gene which maps to chromosome 1. Chromosome 1 is the largest human chromosome, spanning about 260 million base pairs and making up 8% of the human genome. Several disorders, including Stickler syndrome, Parkinsons Disease, Gaucher disease, malignant melanoma and Usher syndrome, are caused by defects in genes that localize to chromosome 1.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 26 kDa

Swiss-Prot:

Q9BWG6

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

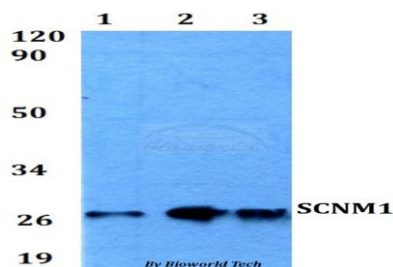
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

SCNM1 polyclonal antibody detects endogenous levels of SCNM1 protein.

DATA:



Western blot (WB) analysis of SCNM1 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

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

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