

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



NDRG4 (G217) Peptide

Cat No.: BS3378P

Background

The N-Myc downstream regulated gene (NDRG) family is comprised of four members, namely NDRG1, NDRG2, NDRG3 and NDRG4, all of which share 57-65% homology. NDRG4 (NDRG family member 4), also known as SMAP8 (smooth muscle-associated protein 8) or BDM1 (brain development-related molecule 1), is a 352 amino acid cytoplasmic protein that belongs to the NDRG family. Expressed specifically in brain and heart, NDRG4 is thought to function as a regulator of mitogenic signaling in vascular smooth muscle cells. Additionally, NDRG4 may play a role in early postnatal development and may mediate the differentiation and subsequent function of neuronal cells. NDRG4 is expressed as six isoforms (the first three of which are designated NDRG4- BVar, NDRG4-B and NDRG4-H) due to alternative splicing events.

Swiss-Prot

Q9ULP0

Applications

Blocking

Specificity

This peptide can be used with studies using BS3378 NDRG4 (G217) pAb.

Purification & Purity

Synthetic peptide NDRG4 (G217). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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