

MYSM1 polyclonal antibody

Catalog: BS7496

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

MYSM1 (myb-like, SWIRM and MPN domains 1), also known as 2ADUB or KIAA1915, is an 828 amino acid nuclear protein that contains one SWIRM domain, one SANT domain and one MPN domain and exists as multiple alternatively spliced isoforms. Expressed ubiquitously with highest expression in kidney, brain and spleen, MYSM1 functions to bind double-stranded DNA and may positively regulate the transcriptional activity of AR (androgen receptor), possibly via control of histone acetylation and deubiquitination. The gene encoding MYSM1 maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinsons Disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 105 kDa

Swiss-Prot:

Q5VVJ2

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 - 1:2000

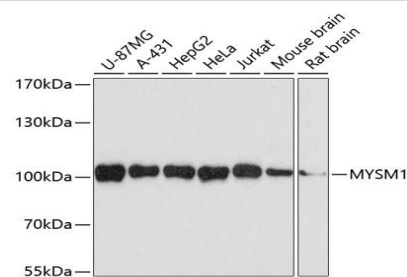
Storage&Stability:

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

Specificity:

MYSM1 polyclonal antibody detects endogenous levels of MYSM1 protein.

DATA:



Western blot analysis of MYSM1 polyclonal antibody

Note:

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

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