

DMRTC2 polyclonal antibody

Catalog: BS60602

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

In humans, the DMRT (doublesex and mab-3 related transcription factor) genes encode a large family of transcription factors that are related to the Drosophila doublesex proteins. Expressed primarily in the gonads, DMRT proteins contain cysteine-rich DNA-binding motifs and are thought to play an important role in sexual development. DMRTC2 (DMRT-like family C2) is a 367 amino acid nuclear protein that exists as two alternatively spliced isoforms and belongs to the DMRT family. Involved in sexual development, DMRTC2 is expressed in pancreas and testis and contains one DM DNA-binding domain. The gene encoding DMRTC2 maps to human chromosome 19, which consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin (Ig) superfamily members, including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family and Fc receptors (FcRs).

Product:

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

Molecular Weight:

~ 39 kDa

Swiss-Prot:

Q8IXT2

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

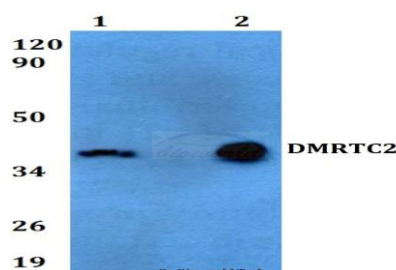
Storage&Stability:

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

Specificity:

DMRTC2 polyclonal antibody detects endogenous levels of DMRTC2 protein.

DATA:



Western blot (WB) analysis of DMRTC2 polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate

Lane2: NIH-3T3 whole cell lysate

Note:

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

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