

DBC-1 (Q455) polyclonal antibody

Catalog: BS2331

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

DBC1 (deleted in bladder cancer 1), also known as DBCCR1 or FAM5A, is a novel 761 amino acid cytoplasmic protein that functions as an essential regulator of tumorigenesis and mediates expression of components of the plasminogen pathway. Evolutionarily conserved and highly expressed in brain, DBC1 is found at weak levels in small intestine, lung, kidney, testis, prostate, thymus, heart and kidney. DBC1 contains one MACPF domain, belongs to the FAM5 family and inhibits cell proliferation at the G1S transition via negative regulation. DBC1 contains a 5' CpG island that, when hypermethylated, leads to silencing in 50 percent of bladder cancer cell lines.

Product:

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

Molecular Weight:

~102 kDa

Swiss-Prot:

Q8N163

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

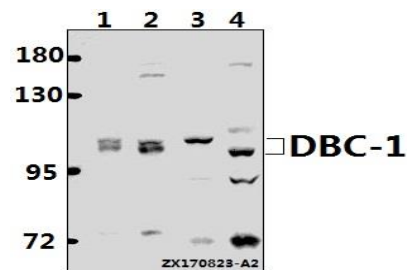
Storage&Stability:

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

Specificity:

DBC-1 (Q455) polyclonal antibody detects endogenous levels of DBC-1 protein.

DATA:



Western blot (WB) analysis of DBC-1 (Q455) pAb at 1:500 dilution

Lane1:SGC7901 whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:PC12 whole cell lysate(40ug)

Lane4:CT26 whole cell lysate(40ug)

Note:

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

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