

DSCR1 (Phospho-S108) polyclonal antibody

Catalog: BS64573

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Calcipressin-1, also known as DSCR1 (Down syndrome critical region 1), Adapt78, MCIP1 (myocyte-enriched calcineurin-interacting protein 1) or regulator of calcineurin 1, is a 252 amino acid protein that belongs to the RCAN family and exists as four alternatively spliced isoforms. Abundantly expressed in skeletal muscle, brain and heart, DSCR 1 is thought to influence cardiac and nervous system development. Overexpression of DSCR1 may play a role in the pathogenesis of Down syndrome. DSCR1 interacts with Raf-1 and has been observed to inhibit calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. The gene encoding DSCR 1 maps to human chromosome 21, which houses approximately 300 genes and comprises nearly 1.5% of the human genome. Chromosome 21-associated disorders include Alzheimer's disease, amyotrophic lateral sclerosis and, most notably, Down syndrome (also known as trisomy 21).

Product:

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

Molecular Weight:

~ 38 kDa

Swiss-Prot:

P53805

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

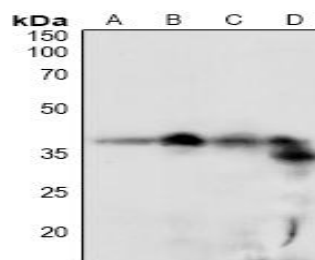
Storage&Stability:

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

Specificity:

DSCR1 (Phospho-S108) polyclonal antibody detects endogenous levels of DSCR1 protein only when phosphorylated at Ser108.

DATA:



Western blot (WB) analysis of DSCR1 (Phospho-S108) polyclonal antibody at 1:500 dilution

LaneA:HEK293T whole cell lysate

LaneB:Jurkat whole cell lysate

LaneC:NIH3T3 whole cell lysate

LaneD:CT26 whole cell lysate

Note:

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

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