bs-19307R **[Primary Antibody]**

DCUN1D3 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 123879 **SWISS:** Q8IWE4

Target: DCUN1D3

Immunogen: KLH conjugated synthetic peptide derived from human DCUN1D3: 21-120/304.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Dcun1D3 is a 304 amino acid protein that contains one Dcun1 domain. The Dcun1 domain is an approximately 190 residue module that is thought to have the features of a basic helix-loop-helix leucine zipper domain, a domain commonly found in transcription factors. It has been suggested that Dcun1D3 may be involved in cell cycle progression and cell growth. The gene that encodes Dcun1D3 maps to human chromosome 16, which encodes over 900 genes in approximately 90 million base pairs, makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. Chromosome 16 houses the CREBBP gene that encodes a critical CREB binding protein that is responsible for the Rubinstein-Taybi syndrome, a rare disorder characterized by mental retardation and predisposition to tumor growth and white blood cell neoplasias.

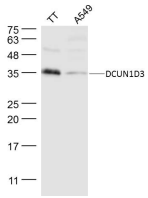
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat)

Predicted MW.: 34 kDa

Subcellular Location: Cell membrane ,Nucleus

VALIDATION IMAGES



Sample: TT(Human) Cell Lysate at 30 ug
A549(Human) Cell Lysate at 30 ug Primary: Anti-DCUN1D3 (bs-19307R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD
Observed band size: 34 kD