bs-12393R **[Primary Antibody]**

BCL9 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 607 **SWISS:** O00512

Target: BCL9

Immunogen: KLH conjugated synthetic peptide derived from human BCL9: 51-150/1426.

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: Bcl-9L is a 1,499 amino acid protein that localizes to the nucleus and contains a specialized C-terminal domain that is important for its overall activity. Expressed in breast tissue, as well as in eye, lung, prostate and various carcinomas, Bcl-9L functions as a transcriptional activator that forms a complex with Parafibromin and β-catenin and is thought promote the transcriptional activity of Parafibromin and enhance the neoplastic transforming activity of β-catenin. Bcl-9L exists as multiple alternatively spliced isoforms and is thought to be involved in tumorigenesis, possibly playing a role in tumor transformation and metastasis. The gene encoding Bcl-9L maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that maps to chromosome 11.

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)

Predicted MW.: 149 kDa

Subcellular Location: Nucleus

SELECTED CITATIONS

- **[IF=6.1]** Ziniu Yu. et al.MicroRNA-27a transfected dental pulp stem cells undergo odonto/osteogenic differentiation via targeting DKK3 and SOSTDC1 in Wnt/BMP signaling in vitro and enhance bone formation in vivo.Journal of Translational Medicine.2025 Feb 16;23(1):189. IHC ;Rabbit. 39956898