bs-7144R

[Primary Antibody]

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 23370 SWISS: Q6ZSZ5

Target: ARHGEF18

Immunogen: KLH conjugated synthetic peptide derived from human

ARHGEF18/p114RhoGEF: 501-600/1173.

Purification: affinity purified by Protein A

ARHGEF18 Rabbit pAb

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: Rho GTPases are GTP binding proteins that regulate a wide

spectrum of cellular functions. These cellular processes include cytoskeletal rearrangements, gene transcription, cell growth and motility. Activation of Rho GTPases is under the direct control of guanine nucleotide exchange factors (GEFs). The protein encoded by this gene is a guanine nucleotide exchange factor and belongs to the Rho GTPase GFE family. Family members share a common feature, a Dbl (DH) homology domain followed by a pleckstrin (PH) homology domain. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by

RefSeq, Oct 2008].

Applications: 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, Pig, Sheep, Cow,

Chicken, Dog)

Predicted MW.: 131 kDa

Subcellular Location: Cytoplasm

— SELECTED CITATIONS —

• [IF=3.3] Jiying Yin. et al. ARHGEF18 can promote BVDV NS5B activation of the host NF-κB signaling pathway by combining with the NS5B-palm domain. VET MICROBIOL. 2023 Nov;:109911 WB; Human. 10.1016/j.vetmic.2023.109911