bs-13144R **[Primary Antibody]**

FARP1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 10160 **SWISS:** Q9Y4F1

Target: FARP1

Immunogen: KLH conjugated synthetic peptide derived from human FARP1: 201-300/1045.

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: FARP1 (FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1), also known as PLEKHC2 or CDEP, is a 1,045 amino acid protein that contains one FERM domain, one DH domain and two PH domains. Existing as multiple alternatively spliced isoforms that are expressed in fetal heart, brain and spleen, as well as in adult lung, kidney and testis, FARP1 is thought to function as a Rho-guanine nucleotide exchange factor that may play a role in linking the cell membrane to the cytoskeleton. The gene encoding FARP1 maps to human chromosome 13, which houses over 400 genes, such as BRCA2 and RB1, and comprises nearly 4% of the human genome. Trisomy 13, also known as Patau syndrome, is deadly and the few who survive past one year suffer from permanent neurologic defects, difficulty eating and vulnerability to serious respiratory infections.

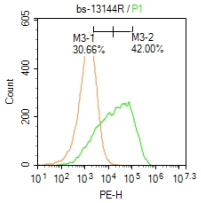
Applications: **Flow-Cyt** (1ug/test)

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

Predicted MW.: 119 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Blank control: Hela. Primary Antibody (green line): Rabbit Anti-FARP1 antibody (bs-13144R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 3µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 20% PBST for 20 min atroom temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.