bs-13629R **[Primary Antibody]**

CLIC2 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1193 **SWISS:** O15247

Target: CLIC2

Immunogen: KLH conjugated synthetic peptide derived from human CLIC2: 51-150/247.

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: Chloride channels (CLCs) regulate cellular traffic of chloride ions, a critical component of all living cells. CLCs are involved in membrane potential stabilization, signal transduction, cell volume regulation and organic solute transport. The putative 247 amino acid protein chloride intracellular channel 2 (CLIC2), also designated XAP121, shares 60% identity with the CLIC1 protein and demonstrates expression in only fetal liver and adult skeletal muscle tissues. The CLIC2 gene maps to chromosome Xq28 and contains 6 exons. Because a direct association exists between a number of human chloride channel genes and a range of hereditary diseases, CLIC2 is a potential candidate for one of the many diseases linked to Xq28. The hereditary form of incontinentia pigmenti (IP2), for example, is a rare disorder characterized by abnormalities of the tissues and organs derived from the ectoderm and neuroectoderm that has been linked to Xq28

Applications: **ELISA** (1:5000-10000)

Reactivity: (predicted: Human, Rat, Rabbit, Chicken)

Predicted MW.: 28 kDa

Subcellular Location: Cell membrane