bs-16103R **[Primary Antibody]**

ZNF649 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 65251 **SWISS:** Q9BS31

Target: ZNF649

Immunogen: KLH conjugated synthetic peptide derived from human ZNF649: 401-505/505.

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: Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. Zinc finger protein 649 (ZNF649) is a 505 amino acid member of the Krüppel C2H2-type zinc-finger protein family. Localized to the nucleus, ZNF649 is highly expressed in heart, brain and skeletal muscle with lower levels of expression in lung, liver, kidney and pancreas. ZNF649 contains ten C2H2-type zinc fingers and one KRAB domain through which it is thought to be involved in DNA-binding and transcriptional repression of mitogen-activated protein kinase signaling pathways.

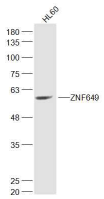
Applications: **WB** (1:500-2000)

Reactivity: Human

Predicted MW.: 58 kDa

Subcellular Location: Nucleus

VALIDATION IMAGES



Sample: HL60(Human) Cell Lysate at 30 ug Primary: Anti-ZNF649 (bs-16103R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kD Observed band size: 58 kD