Data Sheet (Cat.No.TMAB-14402)

TargetMol

Anti-ZNF649 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 58 kDa. Actual: 58 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: HL60 (Human) Cell Lysate at 30 μg Primary: Anti-ZNF649 (TMAB-14402) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kD Observed band size: 58 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ZNF649
Antigen Species:	Human
Gene ID:	65251
Uniprot ID:	Q9BS31

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481