Data Sheet (Cat.No.TMAB-14398)

TargetMol

Anti-ZNF619 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 63 kDa. Actual: 63 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Tissue/cell: human laryngo carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-ZNF619 Polyclonal Antibody, Unconjugated (TMAB-14398) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining 2. Sample: Lovo Cell (Human) Lysate at 40 µg Primary: Anti-ZNF619 (TMAB-14398) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 63 kD Observed band size: 63 kD 3. Sample: MDA-MB-231 Cell (Human) Lysate at 40 µg Primary: Anti-ZNF619 (TMAB-14398) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 63 kD Observed band size: 63 kD
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

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 ZNF619
Antigen Species:	Human
Gene ID:	285267
Uniprot ID:	Q8N2I2

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. As a member of the krueppel C2H2-type zinc-finger protein family, ZNF619 (Zinc finger protein 619) is a 560 amino acid nuclear protein that contains ten C2H2-type zinc fingers. The gene encoding ZNF619 maps to human chromosome 3, which is made up of about 214 million bases encoding over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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