

Anti-ZNF687 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 129 kDa. Actual: 129 kDa.
Purification:	Protein A purified

Applications

1. Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (ZNF687) Polyclonal Antibody, Unconjugated (TMAB-14409) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

Verified Activity: 2. Sample:
A549 (Human) Cell Lysate at 40 µg
U251 (Human) Cell Lysate at 40 µg
Primary: Anti-ZNF687 (TMAB-14409) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 129 kD
Observed band size: 129 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 ZNF687
Antigen Species:	Human
Gene ID:	57592
Uniprot ID:	Q8N1G0

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 kruppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZNF687 (zinc finger protein 687) is a 1,237 amino acid nuclear protein that is involved in transcriptional regulation. A member of the Krüppel C2H2-type zinc-finger protein family, ZNF687 contains ten C2H2-type zinc fingers and exists as two alternatively spliced isoforms. The gene encoding ZNF687 maps to human chromosome 1, which comprises nearly 8% of the human genome and houses a large number of disease-associated

A DRUG SCREENING EXPERT

genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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