Data Sheet (Cat.No.TMAB-06771)

Anti-GRIM19 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Pig,Horse)
Molecular Weight:	Theoretical: 16 kDa. Actual: 17 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Liver (Mouse) Lysate at 40 µg Primary: Anti-GRIM19 (TMAB-06771) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 16 kD Observed band size: 17 kD 2. Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum tissue); 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 (GRIM19) Polyclonal Antibody, Unconjugated (TMAB-06771) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining. 3. Paraformaldehyde-fixed, paraffin embedded (mouse heart tissue); 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 (GRIM19) Polyclonal Antibody, Unconjugated (TMAB-06771) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
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 GRIM19
Antigen Species:	Human
Gene ID:	51079
Uniprot ID:	Q9P0J0

Research Background

A novel gene, Genes associated with Retinoid IFN induced Mortality (GRIM) GRIM19 gene was identified. Antisense expression of GRIM19 confers a strong resistance against IFN/RA induced death by reducing the intracellular levels

of GRIM19 protein. Overexpression of GRIM19 enhances cell death in response to IFN/RA. GRIM19 is primarily a nuclear protein whose expression is induced by the IFN/RA combination. These data indicate that GRIM19 is a novel cell death regulatory molecule.

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