

Anti-DATF1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Chicken,Dog,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 244 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded (Mouse testis); 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 (DATF1) Polyclonal Antibody, Unconjugated (TMAB-04987) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
Application:	IHC-P,IHC-Fr,IF
Recommended	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 DATF1
Antigen Species:	Human
Gene ID:	11083
Uniprot ID:	Q9BTC0

Research Background

Apoptosis plays an important role in many cellular processes. In mice, the death inducer obliterators 1 (Dio1) gene, a putative transcription factor, is upregulated by apoptotic signals and encodes a cytoplasmic protein that translocates to the nucleus upon apoptotic signal activation. Dio1 expression is upregulated when an apoptosis is detected. When overexpressed, the mouse protein induced apoptosis in cell lines growing in vitro. Human DATF1 (death associated transcription factor 1) is similar to the mouse gene and therefore is thought to be involved in apoptosis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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