

Anti-MTP18 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Dog,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 18 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded (rat liver); 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 (MTP18) Polyclonal Antibody, Unconjugated (TMAB-09081) at 1: 200 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 MTP18
Antigen Species:	Human
Gene ID:	51537
Uniprot ID:	Q9UDX5

Research Background

MTP18 is a mitochondrial protein and downstream target of the phosphatidylinositol 3-kinase (see PIK3CA, MIM 171834) signaling pathway that plays a role in cell viability and mitochondrial dynamics (Tondera et al., 2004 [PubMed 15155745]).[supplied by OMIM, Mar 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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