Data Sheet (Cat.No.TMAB-01899)

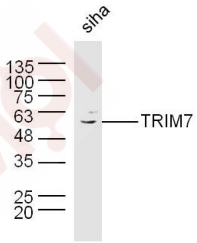
Anti-TRIM7 Polyclonal Antibody

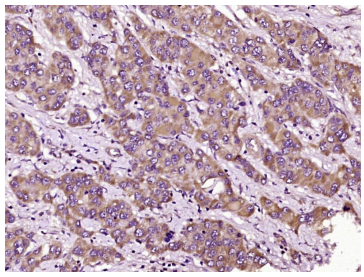
Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 57 kDa. Actual: 57 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Siha Cell (Human) Lysate at 40 μg Primary: Anti-TRIM7 (TMAB-01899) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kDa Observed band size: 57 kDa 2. Paraformaldehyde-fixed, paraffin embedded (Human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (TRIM7) Polyclonal Antibody, Unconjugated (TMAB-01899) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructionsand DAB staining.





Application:	IF,IHC-Fr,IHC-P,WB
Recommended	IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500; WB=1:500-2000

Properties

Stability & Storage:	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 TRIM7/RNF90
Antigen Species:	Human
Gene ID:	81786
Uniprot ID:	Q9C029
Synonyms:	RNF90;TRIM 7;RING finger protein 90;Tripartite Motif Containing 7;GNIP;Tripartite motif-containing protein 7;Tripartite motif protein TRIM 7;Glycogenin-interacting protein

Research Background

The tripartite motif (TRIM) family of proteins are characterized by a conserved TRIM domain that includes a coiled-coil region, a B-box type zinc finger, one RING finger and three zinc-binding domains. TRIM7 (tripartite motif-containing 7), also known as RNF90 or GNIP, is a 511 amino acid protein that belongs to the TRIM family and contains one RING-type zinc finger, one B box-type zinc finger and one SPRY domain. Expressed in placenta and skeletal muscle and present at lower levels in brain, heart and pancreas, TRIM7 localizes to both the cytoplasm and the nucleus where it exists as dimers and is thought to participate in the initiation of glycogen synthesis. Multiple isoforms of TRIM7 exist due to alternative splicing events.

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