

Anti-PROCA1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 41 kDa. Actual: 37 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Tissue/cell: rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-PROCA1 Polyclonal Antibody, Unconjugated (TMAB-11762) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining 2. Sample: U937 (Human) Cell Lysate at 30 µg Primary: Anti-PROCA1 (TMAB-11762) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 37 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 PROCA1
Antigen Species:	Human
Gene ID:	147011
Uniprot ID:	Q8NCQ7

Research Background

May function as a transcription repressor. Suppresses osteogenic effects of RUNX2. Binds to 5'-CCACA-3' core sequence. May be involved in osteoblastic differentiation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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