

PROCA1 Rabbit pAb

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Catalog # AP94655

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8NCQ7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40506
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PROCA1
Epitope Specificity	201-300/364
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus
SIMILARITY	Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 11 C2H2-type zinc fingers. Contains 1 KRAB domain.
SUBUNIT	Interacts with RUNX2. Binds consensus element OSE2
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	May function as a transcription repressor. Suppresses osteogenic effects of RUNX2. Binds to 5'-CCACA-3' core sequence. May be involved in osteoblastic differentiation.

Additional Information

Gene ID	147011
Other Names	Protein PROCA1, Protein interacting with cyclin A1, PROCA1
Target/Specificity	Expressed in kidney and skeletal muscle. Very low expression in brain and heart.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:50-200
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

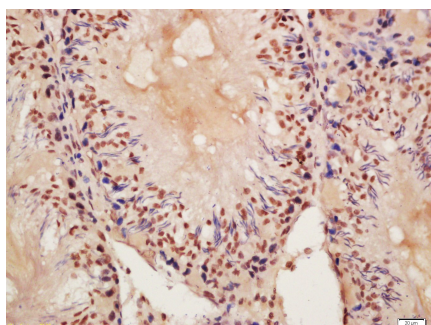
Protein Information

Name	PROCA1
Tissue Location	High expressed in testis.

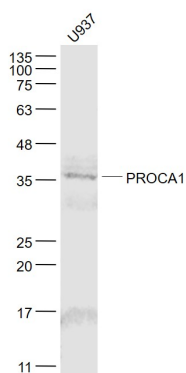
Background

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Images



Tissue/cell: rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-PROCA1 Polyclonal Antibody, Unconjugated (AP94655) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining



Sample: U937 (Human) Cell Lysate at 30 ug Primary: Anti-PROCA1 (AP94655) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 37 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.