

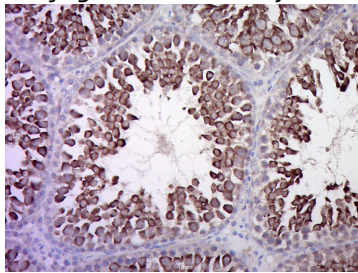
## Anti-Calcitonin receptor Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Mouse)
Molecular Weight:	Theoretical: 53 kDa.
Purification:	Protein A purified

## Applications

Verified Activity: Paraformaldehyde-fixed, paraffin embedded (Rat testis); 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 (CALCR) Polyclonal Antibody, Unconjugated (TMAB-00267) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 min and DAB staining.



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

## 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: mouse Calcitonin receptor
Antigen Species:	Mouse
Gene ID:	12311
Uniprot ID:	Q60755
Synonyms:	CT-R;CTR;CRT;CTR1;calcitonin receptor
Biology Area:	GPCR,More GPCR,GPCR

## Research Background

This gene encodes a high affinity receptor for the peptide hormone calcitonin and belongs to a subfamily of seven transmembrane-spanning G protein-coupled receptors. The encoded protein is involved in maintaining calcium homeostasis and in regulating osteoclast-mediated bone resorption. Polymorphisms in this gene have been associated with variations in bone mineral density and onset of osteoporosis. Alternate splicing results in multiple

transcript variants. [provided by RefSeq, Sep 2009]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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