

## Rabbit Anti-Calcitonin receptor antibody

SL10516R

<b>Product Name</b>	Calcitonin receptor
<b>Chinese Name</b>	降钙素受体抗体
<b>Alias</b>	Calcitonin receptor precursor; Calcr; CRT; CT R; CTR; CTR1; CALCR_HUMAN; CT-R.
<b>Research Area</b>	Tumour immunology Neurobiology Signal transduction The cell membrane 受体 G protein-cou
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted: Human, ) WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA
<b>Applications</b>	(Paraffin sections need antigen repair ) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	55kDa
<b>Cellular localization</b>	The cell membrane
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human Calcitonin receptor: 1-100/490 <Extrace
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Buffer Solution</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or d applications.
<b>PubMed</b>	<a href="#">PubMed</a>
<b>Product Detail</b>	This gene encodes a high affinity receptor for the peptide hormone calcitonin and belongs to a sub transmembrane-spanning G protein-coupled receptors. The encoded protein is involved in maint

homeostasis and in regulating osteoclast-mediated bone resorption. Polymorphisms in this gene associated with variations in bone mineral density and onset of osteoporosis. Alternate splicing produces multiple transcript variants. [provided by RefSeq, Sep 2009]

**Function:**

This is a receptor for calcitonin. The activity of this receptor is mediated by G proteins which activate phospholipase C. The calcitonin receptor is thought to couple to the heterotrimeric guanosine triphosphate-binding protein that is sensitive to cholera toxin.

**Subunit:**

Interacts with GPRASP2.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein.

**Similarity:**

Belongs to the G-protein coupled receptor 2 family.

**SWISS:**

P30988

**Gene ID:**

799

**Database links:**

[Entrez Gene: 799](#) Human

[Omim: 114131](#) Human

[SwissProt: P30988](#) Human

[Unigene: 489127](#) Human