

Product datasheet for SP1338P

Calcr Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/10,000. Western Blot (Reducing conditions). Immunofluorescence. Immunohistochemistry on Frozen Sections: 1/10-1/50. Immunohistochemistry on Paraffin Embedded Tissues: 1/10-1/50. The use of 4% paraformaldehyde fixation rather than formalin fixation is recommended. A sensitive detection system is also recommended, e.g. a catalysed signal amplification system. Does not require protein digestion pre-treatment nor antigen retrieval using heat prior to staining of paraffin embedded sections. Suitable Positive Control: Kidney, cultured osteoclasts.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from C-terminal sequence of Rat Calcitonin Receptor
Specificity:	SP1338P reacts with the Calcitonin Receptor. It recognizes an epitope within the cytoplasmic domain that is common to both C1a and C1b Rat isoforms.
Formulation:	PBS containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	calcitonin receptor



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Database Link: [Entrez Gene 116506 Rat](#)
[P32214](#)

Background: Calcitonin Receptor is a seven transmembrane domain cell surface protein which is coupled to G protein messenger systems. Calcitonin receptor is expressed in kidney, central and peripheral nervous systems and in osteoclasts. It is also expressed in a number of tissues during the development of the embryo and may be important in foetal morphogenesis.

Synonyms: CTR, CT-R, CALCR

Note: **Antiserum Preparation:** Antisera to calcitonin receptor were raised by repeated immunisations of Rabbits with highly purified antigen.