

Rabbit CALCITONIN RECEPTOR Polyclonal Antibody | anti-Calcr antibody

RABBIT ANTI RAT CALCITONIN RECEPTOR

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50476	Rabbit	Reacts with: Mouse Reacts weakly with: Human Antibody reactivity and working conditions may vary between species.	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

CALCITONIN RECEPTOR; Polyclonal Antibody; RABBIT ANTI RAT CALCITONIN RECEPTOR; anti-Calcr antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Mouse Reacts weakly with: Human Antibody reactivity and working conditions may vary between species.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antisera to calcitonin receptor were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography on Protein A.
Form/Format	Purified IgG - lyophilized 10 mM Sodium Phosphate 0.01% Sodium Azide (NaN ₃)
Concentration	IgG concentration 1.0mg/ml after reconstitution (varies by lot)
Applicable Applications for anti-Calcr antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Synthetic peptide derived from a C-terminal sequence of rat calcitonin receptor.
Reconstitution	Reconstitute with 100ul distilled water
Positive Control Tissue	Kidney, cultured osteoclasts
Target Species	Rat
Preparation and Storage	Prior to reconstitution store at 4°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.

IMAGES



WB (Western Blot)

Western blot analysis of Rat testis cell lysate (25ug) probed with Rabbit anti Rat Calcitonin Receptor (AAA50476) at a 1/500 dilution (Lane A) or no primary antibody (Lane B) followed by detection with HRP conjugated Goat anti Rabbit IgG (H/L) at a 1/10,000 dilution and visualized on the ChemiDoc MP imaging system. Performed under reduced conditions. Arrows point to Rat Calcitonin Receptor (molecular weights 70 and 50 kDa).

ADDITIONAL INFORMATION

Related Product Information for anti-Calcr antibody	Rabbit anti rat calcitonin receptor antibody recognizes rat calcitonin receptor, also known as CT-R or C1A/C1B. Calcitonin receptor is a seven-transmembrane domain G protein-coupled receptor that binds the protein hormone calcitonin. It is expressed in kidneys, central and peripheral nervous system, skeletal muscle stem cells and osteocytes. Investigations on calcitonin receptor's function have mainly focused on its role in regulating calcium homeostasis and osteoclast-mediated bone resorption. However, a growing body of evidence suggests that calcitonin receptor could also be involved in foetal morphogenesis and cancer development. Rabbit anti rat calcitonin receptor antibody binds to an intracellular epitope of the calcitonin receptor that is shared by both C1a and C1b rat calcitonin receptor isoforms. It has been shown to cross-react with mouse calcitonin receptor.
Product Categories/Family for anti-Calcr antibody	Primary

NCBI AND UNIPROT INFORMATION

NCBI GeneID	116506
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/calcitonin-receptor-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/50476>