

# Calcitonin Receptor Recombinant Polyclonal Antibody (1HCLC)

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Recombinant Polyclonal
Type	Antibody
Clone	1HCLC
Conjugate	Unconjugated
Immunogen	Peptide corresponding to human Calcitonin Receptor [aa479-aa493]
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.09% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2724030

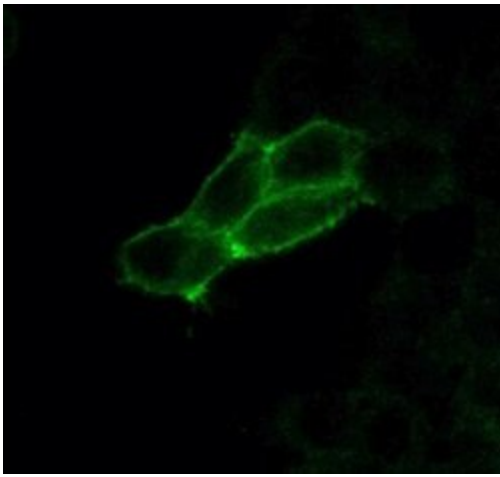
Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	-
Immunocytochemistry (ICC)	1 µg/mL	-
Immunofluorescence (IF)	1 µg/mL	-

## Product Specific Information

This antibody is predicted to react with Monkey, Horse, Dog.

Recombinant rabbit polyclonal antibodies are unique offerings from Thermo Fisher Scientific. They are comprised of a selection of multiple different recombinant monoclonal antibodies, providing the best of both worlds - the sensitivity of polyclonal antibodies with the specificity of monoclonal antibodies - all delivered with the consistency only found in a recombinant antibody. While functionally the same as a polyclonal antibody - recognizing multiple epitope sites on the target and producing higher detection sensitivity for low abundance targets - a recombinant rabbit polyclonal antibody has a known mixture of light and heavy chains. The exact population can be produced in every lot, circumventing the biological variability typically associated with polyclonal antibody production.

## Product Images For Calcitonin Receptor Recombinant Polyclonal Antibody (1HCLC)

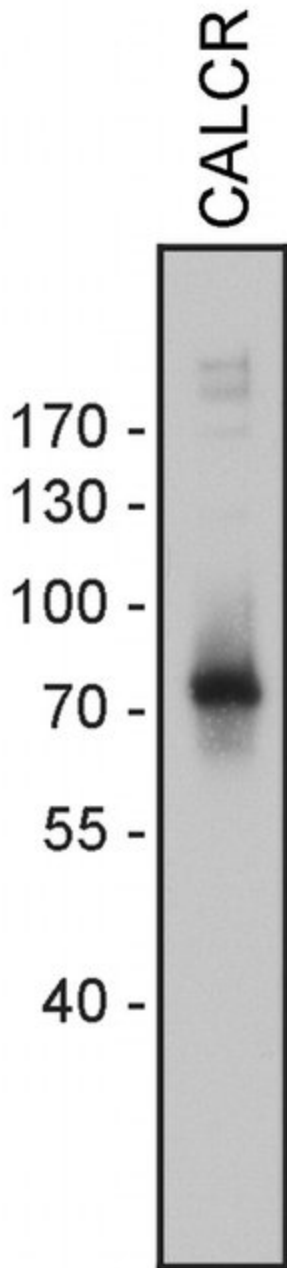


### **Calcitonin Receptor Antibody (711652) in IF**

HEK 293 cells stably transfected with Calcitonin Receptor (CALCR) were grown on poly-L-lysine-coated coverslips overnight. After 24 h, cells were fixed with 4% paraformaldehyde and 0.2% picric acid in phosphate buffer (pH 6.9) for 30 min at room temperature and washed several times with phosphate buffer. Specimens were permeabilized with ice-cold methanol and then incubated with Anti-CALCR Recombinant Rabbit Polyclonal Antibody (Product # 711652 at a concentration of 1  $\mu\text{g}/\text{mL}$ ). Cells were then incubated with Alexa488-conjugated secondary antibody for 2 h at room temperature, mounted and examined using a laser scanning confocal microscope. Note, strong staining of transfected cells.

### Calcitonin Receptor Antibody (711652) in WB

HEK 293 cells stably transfected with Calcitonin Receptor (CALCR) were lysed in detergent buffer and glycoproteins were enriched using wheat germ lectin agarose beads. Receptors were eluted from the beads using SDS sample buffer for 20 min at 45 °C. Extracts were separated on 7.5% SDS-polyacrylamide gels and blotted onto PVDF membranes. Membranes were then incubated with Anti-CALCR Recombinant Rabbit Polyclonal Antibody (Product # 711652 at a concentration of 1 µg/mL). A broad band from 70-80 kDa corresponding to CALCR was observed.



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