



Category: Polyclonal Antibodies **Cat. #** 1107NF- V2018 **Product Name:** Calcitonin- Rabbit

Description:
Polyclonal Rabbit Anti-Human Calcitonin

Immunogen:
Synthetic human calcitonin 1-32.

Application:
IHC 1:75-1:150
WB-Not tested in our lab. Customer info. It does work.

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Medullary Carcinoma of the Thyroid, Thyroid C-Granulocytes Hyperplasia

Presentation:
Rabbit serum containing 20 mM tris-borate, 150 mM Sodium Chloride, BMC-6 carrier polysaccharides, carrier protein, and 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:
Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4° C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies. GENERAL INFO: When diluting for immunohistochemistry, ELISA or western blot, make the dilution in Antibody Diluting Buffer . Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

Staining Procedure:
This antibody can be used on formalin-fixed, paraffin-embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:75 to 1:150 in IHC. It is recommended that this product be used on frozen tissue sections or specimens. The optimal conditions should be determined by the individual laboratory.

Specificity:
This antibody is specific against human calcitonin. Reactivity: this antibody recognizes parafollicular cells (C-cells) of normal and hyperplastic thyroid as well as medullary thyroid carcinoma.

Storage:
Store at 2~8o C for short term, freeze under -20oC for long term storage.

Size: 0.5 ml
Host: Rabbit
Form: Concentrated
Concentration: 4 mg/ml
Units On Hand: YES

References:
1. Apel R.L., et al., Human Pathology, 25, 11: 1238-1242, 1994.

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