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Datasheet for ABIN6942320

anti-**Calcitonin antibody (AA 85-116) (Alexa Fluor 647)**

Overview

Quantity:	100 µL
Target:	Calcitonin (Calca)
Binding Specificity:	AA 85-116
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calcitonin antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Calcitonin
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Pig,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	Calcitonin (Calca)
Alternative Name:	Calcitonin (Calca Products)

Target Details

Background: Synonyms: Alpha CGRP, CALC 1, CALC A, CALC1, CALCA, Calcitonin related polypeptide alpha, CGRP 1, CGRP, CGRP I, CGRP-1, CGRPI, CGRP1, CT, Katalcalcin, KC, MGC126648, alpha type CGRP, calcitonin 1, calcitonin gene related peptide 1, calcitonin gene related peptide I, calcitonin isoform CT preproprotein.

Background: Calcitonin is a 32 amino acid peptide hormone synthesized by the parafollicular cells of the thyroid. It causes a rapid, but short lived, reduction in serum calcium and phosphate by promoting the incorporation of those ions in the bones. This effect is opposite to that of parathyroid hormone. Staining for calcitonin may be used for the identification of a spectrum of C cell proliferative abnormalities ranging from C cell hyperplasia to invasive tumors. Staining for calcitonin in medullary carcinoma of the thyroid produces a fine granular pattern in the cytoplasm. Amyloid deposits within the tumor may also exhibit varying degrees of calcitonin activity.

Gene ID: 796

UniProt: [P01258](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months