

Product datasheet for AP02064SU-N

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OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

Calcitonin (CALCA) Sheep Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: R

Recommended Dilution: RIA (1/80,000).

Reactivity: Human

Host: Sheep

Clonality: Polyclonal

Immunogen: Synthetic Human Calcitonin, BSA-conjugated

Specificity: This antibody detects Calcitonon.

There were no cross reactivities obtained with Human Katacalcin and Human Calcitonin Gene

related Peptide.

Formulation: State: Serum

State: Lyophilized Serum

Reconstitution Method: Restore in aqua bidest to initial volume.

Conjugation: Unconjugated

Storage: Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing.

Stability: Shelf life: One year from despatch.

Gene Name: calcitonin related polypeptide alpha

Database Link: Entrez Gene 796 Human

P06881

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

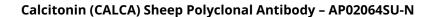
of C cell proliferative abnormalities ranging from C cell hyperplasia to invasive tumors.

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.

Synonyms: CALCA, CALC1







Note: LocusID 796