

Calcitonin Polyclonal Antibody

Cat #: ABP57964

Size: 30µl /100µl /200µl

Product Information

	Product Name: Calcitonin Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP57964	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: CALCA encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katacalcin by tissue-specific alternative RNA splicing of the gene transcripts and cleavage of inactive precursor proteins. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator and as an antimicrobial peptide while katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for CALCA. CALCA (Calcitonin Related Polypeptide Alpha) is a Protein Coding gene. Diseases associated with CALCA include Reflex Sympathetic Dystrophy and Complex Regional Pain Syndrome. Among its related pathways are G alpha(s) signalling events and Signaling by GPCR.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000-1:20000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

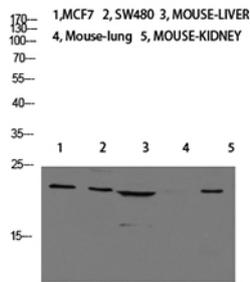


Fig.1. Western blot analysis of Jurkat U937 Raji Mouse-eye lysate, antibody was diluted at 1:1000. HRP, Goat Anti-Rabbit IgG (Cat #: A21020) secondary antibody was diluted at 1:20000.

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