



Calcitonin Polyclonal Antibody

Catalog No	YP-Ab-10639
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	CALCA CALC1
Protein Name	Calcitonin [Cleaved into: Calcitonin; Katalcalcin (Calcitonin carboxyl-terminal peptide) (CCP) (PDN-21)]
Immunogen	Synthetic peptide from human protein at AA range: 80-141
Specificity	The antibody detects endogenous Calcitonin
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p: 100-300.WB 1:500-2000, ELISA 1:10000-20000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Calcitonin [Cleaved into: Calcitonin; Katalcalcin (Calcitonin carboxyl-terminal peptide;CCP;PDN-21)]
Observed Band	16kD
Cell Pathway	Secreted.
Tissue Specificity	
Function	function:Calcitonin causes a rapid but short-lived drop in the level of calcium and phosphate in blood by promoting the incorporation of those ions in the bones.,function:CGRP induces vasodilation. It dilates a variety of vessels including the coronary, cerebral and systemic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role. It also elevates platelet cAMP.,function:Katalcalcin is a potent plasma calcium-lowering peptide.,online information:Calcitonin entry,similarity:Belongs to the calcitonin family.,
Background	function:Calcitonin causes a rapid but short-lived drop in the level of calcium and phosphate in blood by promoting the incorporation of those ions in the bones.,function:CGRP induces vasodilation. It dilates a variety of vessels including the coronary, cerebral and systemic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role. It also elevates platelet cAMP.,function:Katalcalcin is a potent plasma calcium-lowering



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matters needing attention

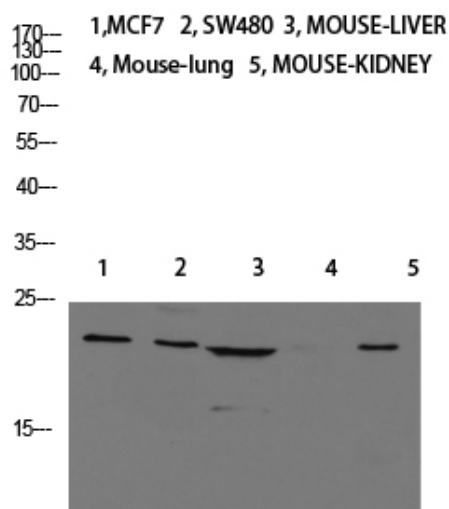
Avoid repeated freezing and thawing!

Usage suggestions

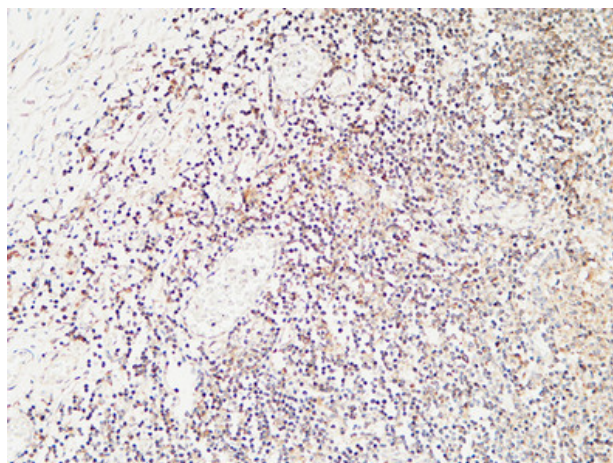
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



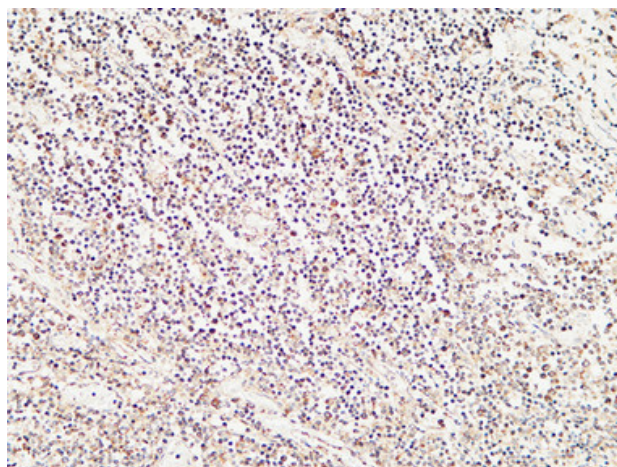
Products Images



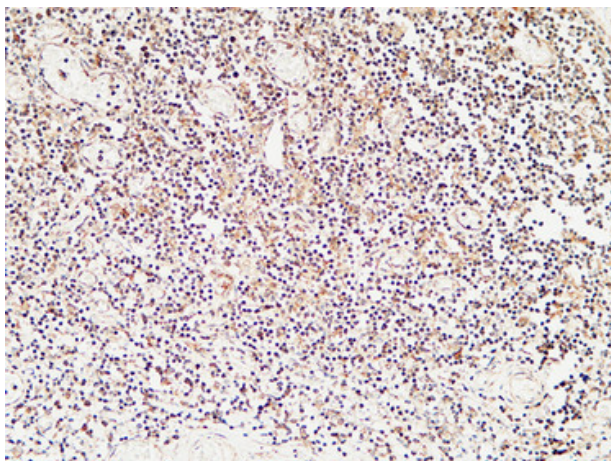
Western blot analysis of Jurkat U937 Raji mouse-eye lysate, antibody was diluted at 1000. Secondary antibody (catalog#: RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Human Amygdala. 1, Antibody was diluted at 1:200 (4° overnight). 2, High-pressure and temperature EDTA, pH 8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30 min).



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