



S100G Polyclonal Antibody

Catalog No	YP-Ab-10912
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	IHC; ELISA
Gene Name	S100G CABP9K CALB3 S100D
Immunogen	Synthesized peptide derived from human S100G AA range: 1-80
Specificity	This antibody detects endogenous levels of human S100G
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 mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:50-200, ELISA(peptide)1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CABP;CABP1;CABP9K;CALB3;Calbindin D9k;Protein S1 G;S1 calcium binding protein G;S100G;S100G CABP9K CALB3 S100D;Protein S100-G (Calbindin-D9k;S100 calcium-binding protein G;Vitamin D-dependent calcium-binding protein;intestinal;CABP)
Observed Band	
Calculated Molecular Weight	
Cell Pathway	basolateral plasma membrane,apical plasma membrane,
Tissue Specificity	
Function	similarity:Belongs to the S-100 family.,similarity:Contains 2 EF-hand domains.,
Background	This gene encodes calbindin D9K, a vitamin D-dependent calcium-binding protein. This cytosolic protein belongs to a family of calcium-binding proteins that includes calmodulin, parvalbumin, troponin C, and S100 protein. In the intestine, the protein is vitamin D-dependent and its expression correlates with calcium transport activity. The protein may increase Ca ²⁺ absorption by buffering Ca ²⁺ in the cytoplasm and increase ATP-dependent Ca ²⁺ transport in duodenal basolateral membrane vesicles. [provided by RefSeq, Jul 2008],

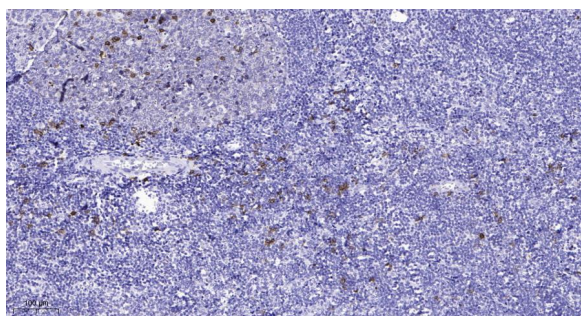
**matters needing attention**

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



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).