Product Name: S100G Rabbit Polyclonal Antibody
Catalog #: APRab17475

Summary

Production Name	S100G Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	S100G CABP9K CALB3 S100D
Alternative Names	Protein S100-G (Calbindin-D9k;S100 calcium-binding protein G;Vitamin D-dependent calcium-binding protein, intestinal;CABP)
Gene ID	795.0
SwissProt ID	P29377.Synthesized peptide derived from human S100G AA range: 1-80

Application

Dilution Ratio	IHC 1:50-200 ELISA(peptide)1:5000-20000
Molecular Weight	

Background

This gene encodes calbindin D9K, a vitamin D-dependent calcium-binding protein. This cytosolic protein belongs to a

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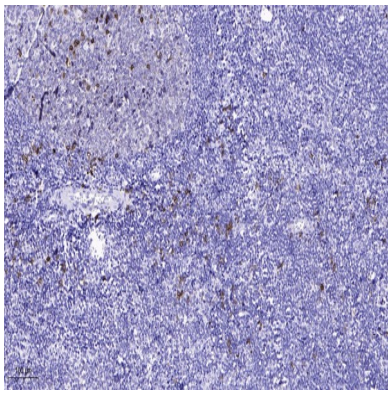
family of calcium-binding proteins that includes calmodulin, parvalbumin, troponin C, and S100 protein. In the intestine, the protein is vitamin D-dependent and its expression correlates with calcium transport activity. The protein may increase Ca2+ absorption by buffering Ca2+ in the cytoplasm and increase ATP-dependent Ca2+ transport in duodenal basolateral membrane vesicles. [provided by RefSeq, Jul 2008],similarity:Belongs to the S-100 family.,similarity:Contains 2 EF-hand domains.,

Research Area

Image Data



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）.

Note

For research use only.