

Product name:	S100G Rabbit Polyclonal Antibody
Cat number:	ABN17475
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from human S100G AA range: 1-80
Reactivity:	Human, Mouse, Rat
Applications:	IHC 1:50-1:200, ELISA 1:5000-1:20000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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 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.,