

S100G Polyclona Antibody antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A21143	Rabbit	1 mg/ml	

Applications	IHC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	IHC 1:50-200, ELISA(peptide)1:5000-20000
Storage	-20°C/1 year
Specificity	This antibody detects endogenous levels of human S100G
Source / Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Immunogen	Synthesized peptide derived from human S100G
Uniprot No	P29377
Alternative names	Protein S100-G (Calbindin-D9k) (S100 calcium-binding protein G) (Vitamin D-dependent calcium-binding protein, intestinal) (CABP)
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	S100 calcium binding protein G(S100G) Homo sapiens 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],
Other	S100G CABP9K CALB3 S100D, S100G

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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