antibodies -online.com





anti-S100P antibody





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Quantity:	200 μL
Target:	S100P
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100P antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide of human S100P (NP_005971.1).	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	S100P
Alternative Name:	S100P (S100P Products)
Background:	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-
	hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a
	wide range of cells, and involved in the regulation of a number of cellular processes such as cell
	cycle progression and differentiation. S100 genes include at least 13 members which are

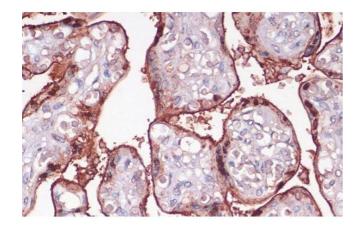
Target Details

rarget Details	
	located as a cluster on chromosome 1q21, however, this gene is located at 4p16. This protein in addition to binding Ca2+, also binds Zn2+ and Mg2+. This protein may play a role in the etiology of prostate cancer.
Molecular Weight:	Observed_MW: 13 kDa Calculated_MW: 10 kDa
Gene ID:	6286
JniProt:	P25815
Pathways:	Regulation of Muscle Cell Differentiation, Toll-Like Receptors Cascades, S100 Proteins
Application Details	

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:200
Restrictions:	For Research Use only

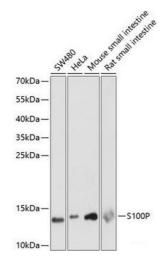
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



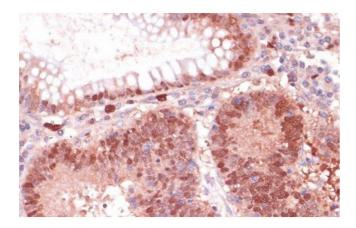
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human placenta using S100P Polyclonal Antibody at dilution of 1:100 (40x lens).



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using S100P Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human colon carcinoma using S100P Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 4 images are available for ABIN7258128.