Anti-S-100P antibody

Description	Rabbit polyclonal to S-100P.

Model	STJ95568
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human S-100P
Immunogen Region	40-120 aa, Internal
Gene ID	6286
Gene Symbol	S100P
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	S-100P Polyclonal Antibody detects endogenous levels of S-100P protein.
Tissue Specificity	Detected in all of the tissues except brain, testis and small intestine, expression level is higher in placenta, heart, lung, skeletal muscle, spleen and leukocyte. Up-regulated in various pancreatic ductal adenocarcinomas and pancreatic intraepithelial neoplasias.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Protein S100-P Migration-inducing gene 9 protein MIG9 Protein S100-E S100 calcium-binding protein P

Molecular Weight	11 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:10504OMIM:600614
Alternative Names	Protein S100-P Migration-inducing gene 9 protein MIG9 Protein S100-E S100 calcium-binding protein P
Function	May function as calcium sensor and contribute to cellular calcium signaling. In a calcium-dependent manner, functions by interacting with other proteins, such as EZR and PPP5C, and indirectly plays a role in physiological processes like the formation of microvilli in epithelial cells. May stimulate cell proliferation in an autocrine manner via activation of the receptor for activated glycation end products (RAGE).
Cellular Localization	Nucleus. Cytoplasm. Cell projection, microvillus membrane. Colocalizes with S100PBP in the nucleus. Colocolizes with EZR in the microvilli in a calcium-dependent manner.