

S100A7 Polyclonal Antibody

Catalog No :	YT6273
Reactivity :	Human
Applications :	WB;IHC;IF;ELISA
Target :	S100A7
Fields :	>>IL-17 signaling pathway
Gene Name :	S100A7 PSOR1 S100A7C
Protein Name :	S100A7
Human Gene Id :	6278
Human Swiss Prot No :	P31151
Immunogen :	Synthesized peptide derived from human S100A7 AA range: 1-51
Specificity :	This antibody detects endogenous levels of human S100A7
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	11kD

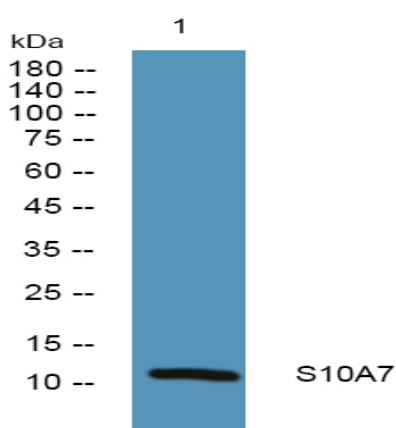
Background : S100 calcium binding protein A7(S100A7) Homo sapiens The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein differs from the other S100 proteins of known structure in its lack of calcium binding ability in one EF-hand at the N-terminus. The protein is overexpressed in hyperproliferative skin diseases, exhibits antimicrobial activities against bacteria and induces immunomodulatory activities. [provided by RefSeq, Nov 2014],

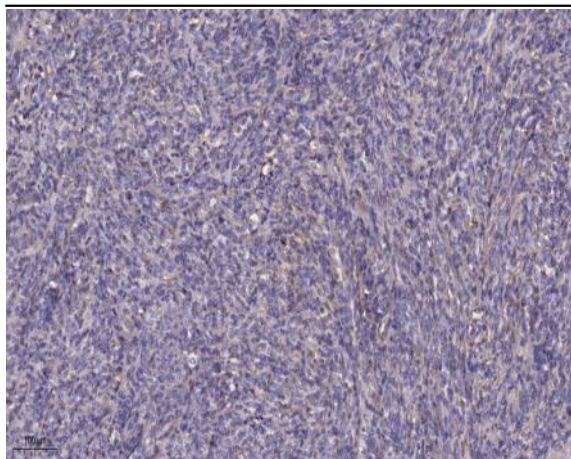
Function : mass spectrometry: PubMed:8526920,similarity:Belongs to the S-101 family.,similarity:Contains 2 EF-hand domains.,subcellular location:Secreted by a non-classical secretory pathway.,subunit:Interacts with RANBP9.,tissue specificity:Fetal ear, skin, and tongue and human cell lines. Highly up-regulated in psoriatic epidermis. Also highly expressed in the urine of bladder squamous cell carcinoma (SCC) bearing patients.,

Subcellular Location : Cytoplasm . Secreted . Secreted by a non-classical secretory pathway.

Expression : Fetal ear, skin, and tongue and human cell lines. Highly up-regulated in psoriatic epidermis. Also highly expressed in the urine of bladder squamous cell carcinoma (SCC) bearing patients.

Products Images





Immunohistochemical analysis of paraffin-embedded human Colon cancer. 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).