

S-100A5 Polyclonal Antibody

Catalog No :	YT4201
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	S-100A5
Gene Name :	S100A5
Protein Name :	Protein S100-A5
Human Gene Id :	6276
Human Swiss Prot No :	P33763
Mouse Gene Id :	20199
Mouse Swiss Prot No :	P63084
Rat Gene Id :	295211
Rat Swiss Prot No :	P63083
Immunogen :	The antiserum was produced against synthesized peptide derived from human S100A5. AA range:34-83
Specificity :	S-100A5 Polyclonal Antibody detects endogenous levels of S-100A5 protein.
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. ELISA: 1:20000. 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)

Observed Band : 32kD

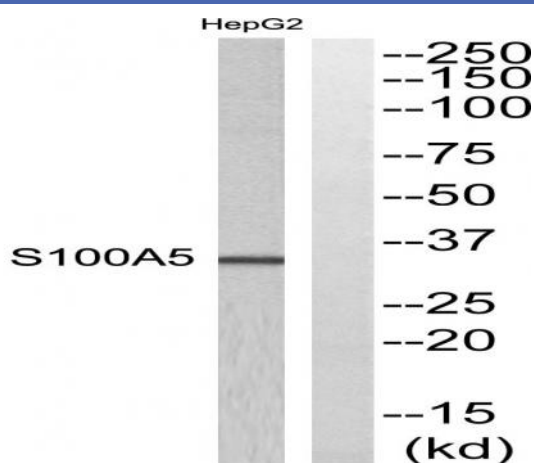
Background : S100 calcium binding protein A5(S100A5) Homo sapiens The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation 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 has a Ca²⁺ affinity 20- to 100-fold higher than the other S100 proteins studied under identical conditions. This protein also binds Zn²⁺ and Cu²⁺, and Cu²⁺ strongly which impairs the binding of Ca²⁺. This protein is expressed in very restricted regions of the adult brain. [provided by RefSeq, Jul 2008],

Function : similarity:Belongs to the S-100 family.,similarity:Contains 2 EF-hand domains.,

Subcellular Location : nucleus,neuronal cell body,

Expression : Brain,Kidney,

Products Images



Western blot analysis of the lysates from K562 cells using S100A5 antibody.

