

**(** Tel: 400-999-8863 ■ Emall:Upingbio.163.com



## S-100A5 Polyclonal Antibody

YP-Ab-03181
IgG
Human;Mouse;Rat
WB;ELISA
S100A5
Protein S100-A5
The antiserum was produced against synthesized peptide derived from human S100A5. AA range:34-83
S-100A5 Polyclonal Antibody detects endogenous levels of S-100A5 protein.
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Polyclonal, Rabbit,IgG
The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
1 mg/ml
≥90%
-20°C/1 year
S100A5; S100D; Protein S100-A5; Protein S-100D; S100 calcium-binding protein A5
32kD
nucleus,neuronal cell body,
Brain,Kidney,
similarity:Belongs to the S-100 family.,similarity:Contains 2 EF-hand domains.,
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],



## UpingBio technology Co.,Ltd

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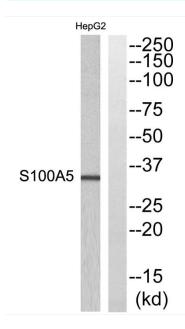
matters needing attention

Avoid repeated freezing and thawing!

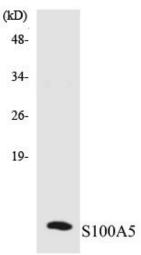
**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western blot analysis of S100A5 Antibody. The lane on the right is blocked with the S100A5 peptide.



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