



Swiss-Prot No.:	P33763
Storage/Stability:	Store at -20 °C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	Recombinant protein of human S100A5 (NP_002953.2).
Purification:	Affinity purification
Reactivity:	Human
Other Names:	—
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 located as a cluster on chromosome 1q21. This protein has a Ca ²⁺ affinity 20- to 100-fold higher than the other S100 proteins studied under identical conditions. This protein also binds Zn ²⁺ and Cu ²⁺ , and Cu ²⁺ strongly which impairs the binding of Ca ²⁺ . This protein is expressed in very restricted regions of the adult brain.
Gene ID:	6276
Source:	Rabbit
Antibody type:	Polyclonal Antibodies

Isotype:	IgG
Molecular Weight:	10kDa/12kDa
Recommended Dilutions:	WB 1:500 - 1:2000