

## 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

P33763

P63084

**Human Gene Id:** 6276

**Human Swiss Prot** 

No:

Mouse Gene ld: 20199

**Mouse Swiss Prot** 

No:

**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],

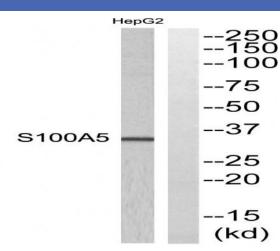
**Function:** similarity:Belongs to the S-100 family.,similarity:Contains 2 EF-hand domains.,

Subcellular Location:

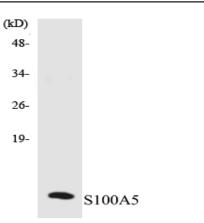
nucleus, neuronal cell body,

**Expression:** Brain, Kidney,

## **Products Images**



Western blot analysis of 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.