



A Reliable Research Partner in Life Science and Medicine

# **S100B Polyclonal Antibody**

catalog number: D-AB-10235L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Reactivity Mouse;Rat

Immunogen Recombinant Mouse S100B protein expressed by E.coli

Host Rabbit Isotype IgG

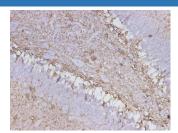
**Purification** Antigen Affinity Purification

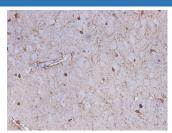
**Buffer** PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

IHC 1:75-1:150

### Data





Immunohistochemistry of paraffin-embedded Rat brain using Immunohistochemistry of paraffin-embedded Mouse brain S100B Polyclonal Antibody at dilution of 1:150 using S100B Polyclonal Antibody at dilution of 1:150

### **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

## **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; however, this gene is located at 21q22.3. This protein may function in Neurite extension, proliferation of melanoma cells, stimulation of Ca2+ fluxes, inhibition of PKC-mediated phosphorylation, astrocytosis and axonal proliferation, and inhibition of microtubule assembly.