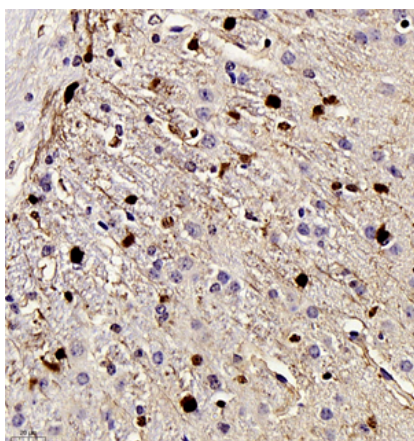
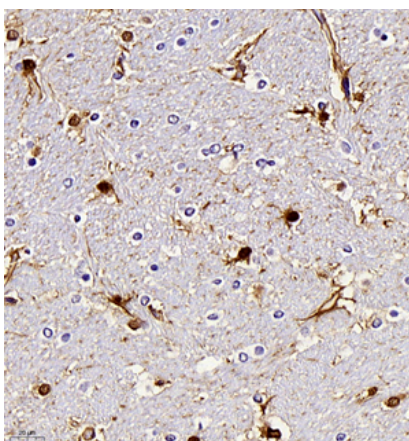




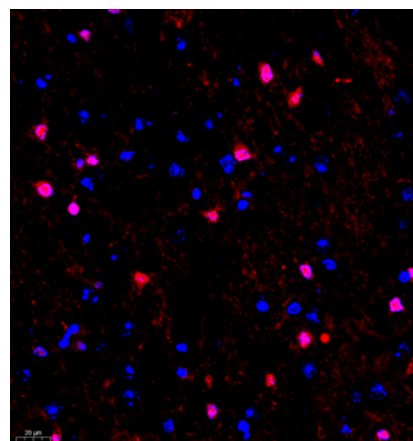
Product name:	Anti-S100 beta Rabbit pAb
Cat number:	ABS11359
Conjugate:	unconjugated
Size:	100 µL
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse S100 beta
Reactivity:	Mouse, Rat
Applications:	IHC/IF 1: 500-1: 4000
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/ thaw cycles.
Background:	S100B is glial-specific and is expressed primarily by astrocytes, but not all astrocytes express S100B. It has been shown that S100B is only expressed by a subtype of mature astrocytes that ensheath bloodvessels and by NG2-expressing cells. This protein may function in neurite extension, proliferation of melanoma cells, stimulation of Ca ²⁺ fluxes, inhibition of PKC-mediated phosphorylation, astrocytosis and axonal proliferation, and inhibition of microtubule assembly.



IHC analysis of S100B . Sample: Mouse brain , 4% PFA 12-24h. Antigen retrieval: Citrate buffer ,98°C,20 min. Blocking buffer: 3% BSA in PBS , RT, 30min. Primary antibody: 1: 2000, 4°C overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG , 1: 200 RT 1h.



IHC analysis of S100B . Sample: Rat brain , 4% PFA 12-24h. Antigen retrieval: Citrate buffer ,98°C,20 min. Blocking buffer: 3% BSA in PBS , RT, 30min. Primary antibody: 1: 2000, 4°C overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG , 1: 200 RT 1h.



IF analysis of S100B . Sample: Mouse brain , 4% PFA 12-24h. Antigen retrieval: TE buffer ,98°C,20min. Blocking buffer: 3% BSA in PBS , RT, 30min. Primary antibody: 1: 2000, 4°C overnight. Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG , 1: 300 RT, 1h.