

## S100B Rabbit mAb (AR1379)

### Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	11kD (Calculated) 11kD (Observed)

### Recommended Dilution Ratios

IHC:	1:400-2000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	Endogenous
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### Target Information

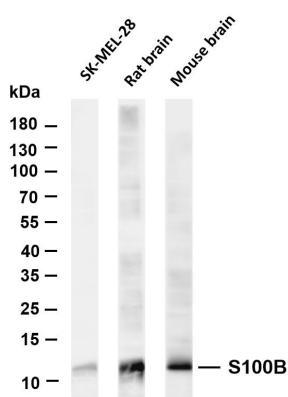
Gene name	S100B
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Organism	Gene ID	UniProt ID
Human	6285	P04271
Mouse		P50114

Cellular Localization	Cytoplasm, Nucleus
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Tissue specificity	Although predominant among the water-soluble brain proteins, S100 is also found in a variety of other tissues.
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## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-S100B antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

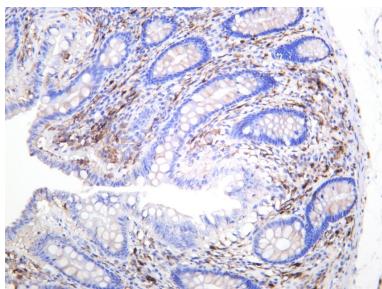
Lane 1: SKMEL-28

Lane 2: Rat brain

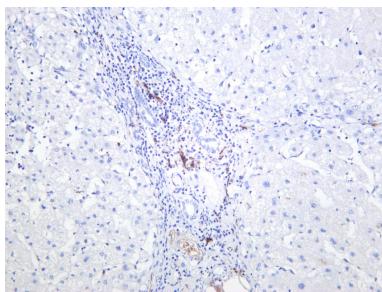
Lane 3: Mouse brain

Predicted band size: 11kDa

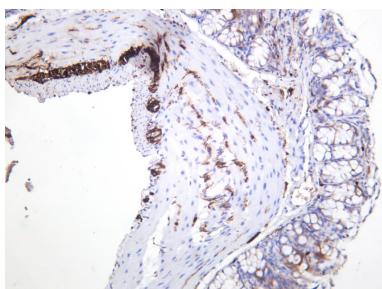
Observed band size: 11kDa



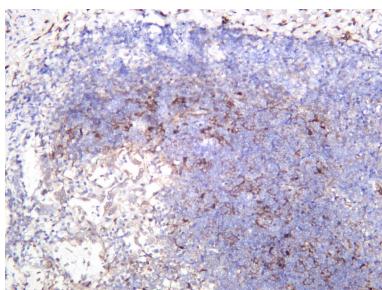
Human colon was stained with anti-S100B rabbit antibody



Human liver was stained with anti-S100B rabbit antibody



Mouse colon was stained with anti-S100B rabbit antibody



Rat colon was stained with anti-S100B rabbit antibody