

# S100 beta antibody [HL2228]

**Cat. No. GTX638273**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, ELISA
<b>Reactivity</b>	Human, Mouse, Rat

**Package**  
100 µl, 25 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 11 kDa.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservative
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Full length human S100 beta recombinant protein
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

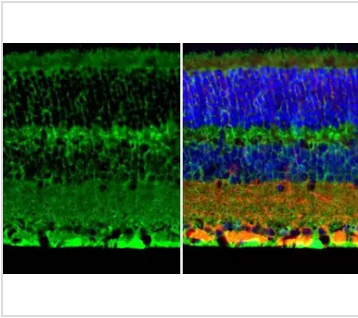
### Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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**DATA IMAGES**

**GTX638273 IHC-P Image**

S100 beta antibody [HL2228] detects S100 beta protein by immunohistochemical analysis.

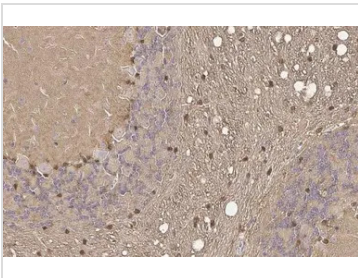
Sample: Paraffin-embedded mouse eye.

Green: S100 beta stained by S100 beta antibody [HL2228] (GTX638273) diluted at 1:100.

Red: beta Tubulin 3/ Tuj1, a Cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

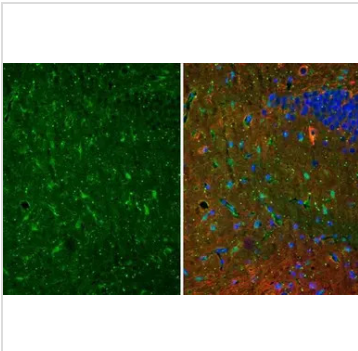

**GTX638273 IHC-P Image**

S100 beta antibody [HL2228] detects S100 beta protein at cytoplasm and nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse cerebellum.

S100 beta stained by S100 beta antibody [HL2228] (GTX638273) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX638273 IHC-P Image**

S100 beta antibody [HL2228] detects S100 beta protein at cytoplasm and nucleus by immunohistochemical analysis.

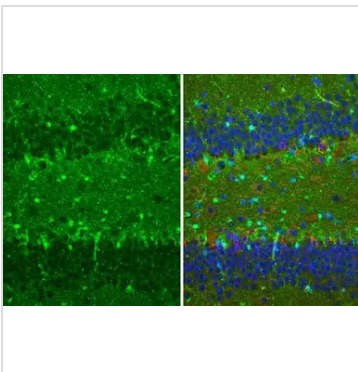
Sample: Paraffin-embedded mouse hippocampus.

Green: S100 beta stained by S100 beta antibody [HL2228] (GTX638273) diluted at 1:100.

Red: beta Tubulin 3/ Tuj1, a Cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX638273 IHC-P Image**

S100 beta antibody [HL2228] detects S100 beta protein at cytoplasm and nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded rat hippocampus.

Green: S100 beta stained by S100 beta antibody [HL2228] (GTX638273) diluted at 1:100.

Red: beta Tubulin 3/ Tuj1, a Cytoskeleton marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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