Anti S100 b (41-60) (Human, Mouse, Rat) Serum  
Cat. No. YII-YP080-EX  Lot No. 289170418

**Description:** This antiserum was raised in a rabbit by immunization with a keyhole lympet hemocyanin (KLH) protein conjugate of synthetic S100 b (41-60) (human, mouse, rat) peptide fragment. The product vial contains 50µL of the titled serum obtained by lyophilizing its 0.001 M phosphate buffer (pH 7.0, 0.5mL) solution. It can be used for immunoreactions such as immunohistochemistry and western blotting with S100 b protein (human, mouse, rat).

**Immunogen:** Synthetic S100 b (41-60) (human, mouse, rat)-KLH conjugate  
**Host:** Rabbit

**Amino Acid Sequence of S100 b (41-60) (human, mouse, rat):**

1, 2, 3:

LSHFLEEIKE QEVVDKVMET

**Product Form:** Lyophilized unpurified serum  
**Size:** 50 µL

**Reconstitution:** Reconstitute the product with 0.5mL of 0.01M PBS (pH7.0) to make a 10 fold diluted stock solution. If it is stored in a refrigerator, add moderate antiseptic to the solution (e.g. NaN3 0.1%).

**Storage:** The product will be stable for over one year if it be stored at -20°C to -80°C until opened. Upon reconstitution, the antiserum solution must be stored at 2°C to 8°C and used within one month. Repeated freezing-thawing should be avoided.

**Suggested Working Dilution Range:**

1:1,000-10,000 for immunohistochemistry. Optimal dilution should be determined by each laboratory for each application.

**Specificity (based on non-competitive EIA):** S100 b (41-60) (human, mouse, rat) 100%, S100 b (bovine) 100%, S100 b (16-36) (human, mouse, rat) 0%, S100 b (74-92) (human, mouse) < 0.1%.

**Positive Control (immunohistochemistry):** Human and mouse brain, duodenum

**Species Tested:** Human, rat

**REFERENCES:**


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DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM