



## Peninsula Laboratories, LLC

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### Polyclonal Antibody to Human Calgizzarin Chicken anti human S100A11

Calgizzarin (or S100A11, S100C) is a calcium-binding polypeptide with cytokine properties. It is a member of the S-100 protein family which contains two EF-hand calcium-binding domains. It has been described as also existing in a homodimer-form linked by a disulfide bridge. The antibody was generated against a peptide sequence from the central part of the protein.

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<b>Product Number:</b>	T-1512
<b>Clone:</b>	Polyclonal antibody
<b>Host species, isotype:</b>	Chicken IgY
<b>Quantity:</b>	100µg
<b>Format:</b>	Affinity purified, lyophilized  Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.2mg/ml IgY, phosphate buffered saline pH 7.2 (PBS), 5mg/ml ovalbumin as a stabilizer and 0.1% Kathon as a preservative.
<b>Stability:</b>	Original vial: 1 year at 4° - 8°C.
<b>Applications:</b>	Tested for immunohistochemistry (IHC) and ELISA.  <b>Approximate working dilution for IHC:</b> Frozen sections: 0.5-1µg/ml (1:200 - 1:400) Paraffin sections: not tested. Titer in ELISA: 0.05µg/ml Optimal dilutions should be determined by the end user. Suggested positive control: Human tonsil or skin.
<b>Immunogen:</b>	Synthetic peptide coupled to carrier protein.
<b>Specificity:</b>	Human (mouse).

For in vitro research only. Caution: this product contains Kathon, a poisonous and hazardous substance.