

## Product datasheet for **BP4007**

### **S100A11 Chicken Polyclonal Antibody**

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	<b>ELISA:</b> Titer with peptide-ovalbumin conjugate: 0.05 µg/ml. <b>Immunohistochemistry on Frozen Sections:</b> 0.5-1 µg/ml (1/200-1/400). <b>Recommended Positive Control:</b> Human skin and tonsil.
Reactivity:	Human
Host:	Chicken
Clonality:	Polyclonal
Immunogen:	Synthetic peptide coupled to carrier protein. The antibody was generated against a peptide sequence from the central part of the protein.
Specificity:	This antibody reacts with Calgizzarin.
Formulation:	PBS State: Aff - Purified State: Lyophilized purified IgY fraction Stabilizer: 5 mg/ml Ovalbumin Preservative: 0.1% Kathon
Reconstitution Method:	Restore by adding 0.5 ml distilled water.
Concentration:	0.2 mg/ml IgY (after reconstitution)
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	S100 calcium binding protein A11
Database Link:	<a href="#">Entrez Gene 6282 Human P31949</a>



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**Background:** 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.

**Synonyms:** S100-A11, S100C, S100-C, MLN70