

## Product datasheet for **TA360778**

### **S100 Calcium Binding Protein A13 (S100A13) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human S100A13
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	11 kDa
Gene Name:	S100 calcium binding protein A13
Database Link:	<a href="#">NP_001019381.1</a> <a href="#">Entrez Gene 6284 Human</a> <a href="#">Q99584</a>



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**Background:**

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein is widely expressed in various types of tissues with a high expression level in thyroid gland. In smooth muscle cells, this protein co-expresses with other family members in the nucleus and in stress fibers, suggesting diverse functions in signal transduction. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.

**Synonyms:**

OTTHUMP00000034802

**Protein Families:**

Druggable Genome

**Product images:**

Host: Rabbit  
Target Name: S100A13  
Sample Type: 293T Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: S100A13  
Sample Tissue: Human 293T Whole Cell lysates  
Antibody Dilution: 1ug/ml