

## Product datasheet for **AP53777PU-N**

### **S100A10 (Center) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	FC, IHC, WB
<b>Recommended Dilution:</b>	Western blotting: 1/8000. Flow Cytometry: 1/10-1/50. Immunohistochemistry on Paraffin embedded tissue: 1/10-1/50.
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	Ig
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 12~40 amino acids from the Center region of Human S100A10
<b>Specificity:</b>	Recognizes S100A10 (Center).
<b>Formulation:</b>	PBS with 0.09% (W/V) Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Protein A column followed by peptide Affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	S100 calcium binding protein A10
<b>Database Link:</b>	<a href="#">Entrez Gene 6281 Human P60903</a>
<b>Background:</b>	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.



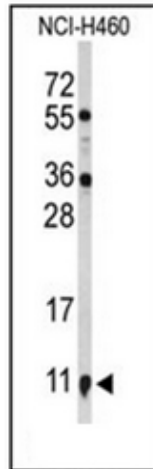
[View online »](#)

**Synonyms:** S100-A10, ANX2LG, CAL1L, CLP11, Calpactin-1 light chain

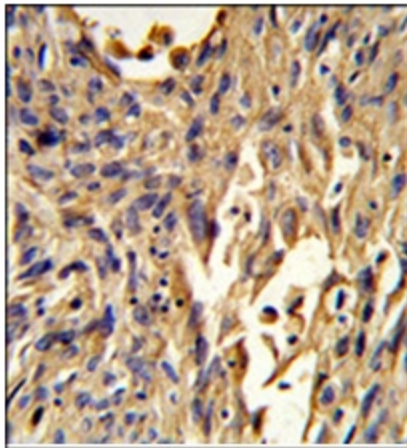
**Note:** **Molecular Weight:** 11203 Da

**Protein Families:** Transmembrane

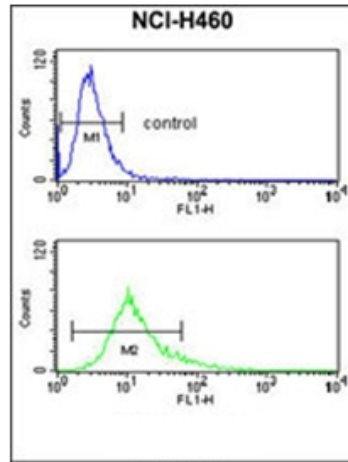
**Product images:**



Western blot analysis in NCI-H460 cell line lysates (35 ug/lane) using S100A10 Antibody (Center). S100A10 (arrow) was detected using the purified Pab.



Immunohistochemistry analysis in Formalin Fixed, Paraffin Embedded Human lung carcinoma using S100A10 Antibody (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of S100A10 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow Cytometry analysis of NCI-H460 cells using S100A10 Antibody (Center) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated Goat-anti-Rabbit secondary antibodies were used for the analysis.