

**S100 alpha 6 Antibody**  
**Rabbit mAb**  
**Catalog # AP91065****Specification**

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**S100 alpha 6 Antibody - Product Information**

Application	WB, IHC, FC, ICC, IP
Primary Accession	<a href="#">P06703</a>
Reactivity	Rat
Clonality	Monoclonal

**Other Names**

Protein S100-A6; Calcyclin; MLN 4; PRA; CACY; CABP; 5B10;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	10180 Da

**S100 alpha 6 Antibody - Additional Information**

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human S100 alpha 6
Description	S100A6 (calcyclin) is involved in a number of cellular processes, including exocytosis and cell cycle regulation. In addition, S100A6 interacts with a number of proteins such as SIP, GAPDH, and annexins in a calcium-dependent fashion. Research studies demonstrate that a down regulation of corresponding S100A6 gene expression causes a decrease in cell proliferation.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**S100 alpha 6 Antibody - Protein Information****Name** S100A6**Synonyms** CACY

**Function**

May function as calcium sensor and modulator, contributing to cellular calcium signaling. May function by interacting with other proteins, such as TPR-containing proteins, and indirectly play a role in many physiological processes such as the reorganization of the actin cytoskeleton and in cell motility. Binds 2 calcium ions. Calcium binding is cooperative.

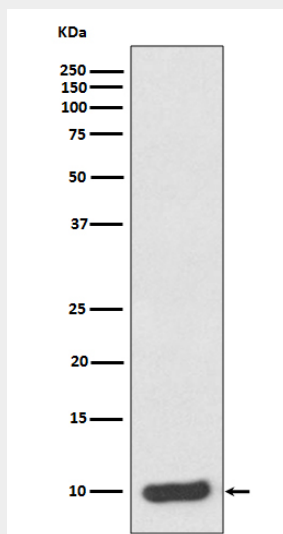
**Cellular Location**

Nucleus envelope. Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side

**S100 alpha 6 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**S100 alpha 6 Antibody - Images**

Western blot analysis of S100 alpha 6 expression in HeLa cell lysate.