S100 alpha 6 Antibody
Rabbit mAb
Catalog # AP91065

Specification

S100 alpha 6 Antibody - Product Information

Application	**WB, IHC, FC, ICC, IP**
Primary Accession	[P06703](P06703)
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

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 Cytomety
- Cell Culture

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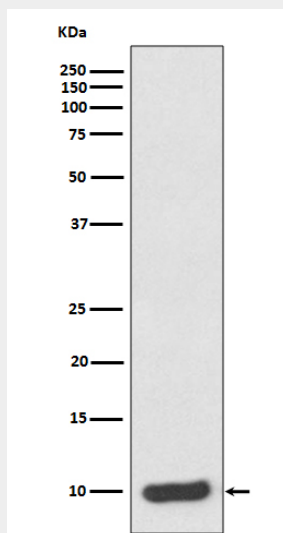
Western blot analysis of S100 alpha 6 expression in HeLa cell lysate.