

Rabbit anti-Human, mouse S100A6 Polyclonal Antibody | anti-S100A6 antibody

S100A6 Antibody (C-term)

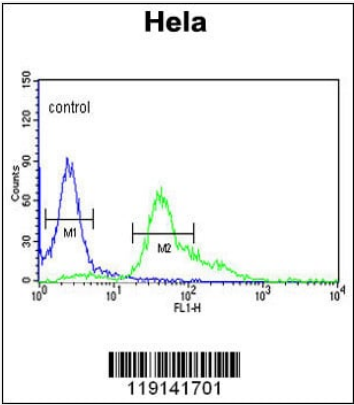
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288322	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

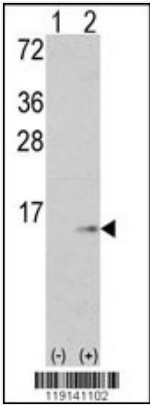
S100A6; Polyclonal Antibody; S100A6 Antibody (C-term); Protein S100-A6; Calcyclin; Growth factor-inducible protein 2A9; MLN 4; Prolactin receptor-associated protein; PRA; S100 calcium-binding protein A6; CACY; anti-S100A6 antibody

PRODUCT SPECIFICATIONS

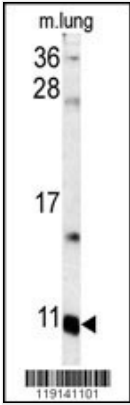
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This S100A6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 37-67 amino acids from the C-terminal region of human S100A6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	37-67
Sequence Length	90
Applicable Applications for anti-S100A6 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
S100A6 Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of S100A6 (arrow) using rabbit polyclonal S100A6 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the S100A6 gene (Lane 2) (Origene Technologies).



WB (Western Blot)
Western blot analysis of S100A6 antibody (C-term) in mouse lung tissue lysates (35ug/lane). S100A6 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-S100A6 antibody	S100A6 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. This protein may function in stimulation of Ca2+-dependent insulin release, stimulation of prolactin secretion, and exocytosis.
Product Categories/Family for anti-S100A6 antibody	Cell Biology
References	van Dieck,J. J. Biol. Chem. 284 (20), 13804-13811 (2009) Tsoporis,J.N., Izhar,S. J. Biol. Chem. 283 (44), 30174-30183 (2008) Lee,Y.T., Dimitrova,Y.N. Biochemistry 47 (41), 10921-10932 (2008) Melle,C., Ernst,G. PLoS ONE 3 (12), E3767 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657532
NCBI GeneID	6277
NCBI Accession #	NP_055439.1
NCBI GenBank Nucleotide #	NM_014624.3
UniProt Accession #	P06703; Q5RHS4; D3DV39

Molecular Weight	10180
NCBI Official Full Name	protein S100-A6
NCBI Official Synonym Full Names	S100 calcium binding protein A6
NCBI Official Symbol	S100A6
NCBI Official Synonym Symbols	2A9; PRA; 5B10; CABP; CACY
NCBI Protein Information	protein S100-A6
UniProt Protein Name	Protein S100-A6
UniProt Gene Name	S100A6
UniProt Synonym Gene Names	CACY; PRA
UniProt Entry Name	S10A6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/s100a6-antibody-flow-cytometry-western-blot-elisa/288322>