

Rabbit anti-Mouse S100A11 Polyclonal Antibody | anti-S100A11 antibody

Anti-S100A11 Antibody, Rabbit Polyclonal

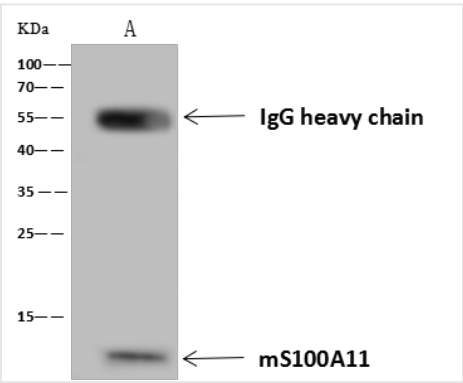
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259126	Rabbit	Mouse	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

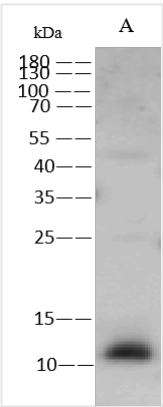
S100A11; Polyclonal Antibody; Anti-S100A11 Antibody; Rabbit Polyclonal; S100 calcium binding protein A11; Anti-cal Antibody; Anti-Emap1 Antibody; Anti-EMAPI Antibody; Anti-S100a14 Antibody; Anti-S100c Antibody; anti-S100A11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse S100A11
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-S100A11 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Mouse S100A11 Protein
Preparation	Produced in rabbits immunized with purified, recombinant Mouse S100A11 (rM S100A11). S100A11 specific IgG was purified by Mouse S100A11 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
mS100A11 was immunoprecipitated using: Lane A: 0.5 mg Mouse Liver Whole Cell Lysate 4 uL anti-mS100A11 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-mS100A11 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 11 kDa. Observed band size: 11 kDa.



WB (Western Blot)
Anti-S100A11 rabbit polyclonal antibody at 1:500 dilution. Lane A: Mouse Liver Tissue Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 11 kDa. Observed band size: 11 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-S100A11 antibody	Protein S100-A11, also known as S100 calcium-binding protein A11, S100A11 and MLN70, is a member of the S-100 family. S100A11 is widely expressed in multiple tissues, and is located in cytoplasm, nucleus, and even cell periphery. S100A11 exists as a non-covalent homodimer with an antiparallel conformation. Ca(2+) binding to S100A11 would trigger conformational changes which would expose the hydrophobic cleft of S100A11 and facilitate its interaction with target proteins. As a dual cell growth mediator, S100A11 acts as either a tumor suppressor or promoter in many different types of tumors and would play respective roles in influencing the proliferation of the cancer cells. In the nucleus, S100A11 suppresses the growth of keratinocytes through p21 (CIP1/WAF1) activation and induces cell differentiation. S100A11 is also a novel test marker in breast carcinoma.
References	Miyasaki KT. et al., 1993, J Dent Res. 72: 517-23. Ohuchida K. et al., 2006, Clin Cancer Res 12 (18): 5417-22. Kouno T. et al., 2008, J Pept Sci. 14 (10): 1129-38. He H. et al., 2009, Cell Biochem Biophys 55 (3): 117-26. Liu XG. et al., 2010, Oncol Rep. 23 (5): 1301-8.

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.