

Anti-S100A11 Picoband Antibody

Catalog # ABO12504

Product Information

Application	WB
Primary Accession	P31949
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Protein S100-A11(S100A11) detection. Tested with WB in Human.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	6282
Other Names	Protein S100-A11, Calgizzarin, Metastatic lymph node gene 70 protein, MLN 70, Protein S100-C, S100 calcium-binding protein A11, Protein S100-A11, N-terminally processed, S100A11, MLN70, S100C
Calculated MW	11740
Application Details	Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Cytoplasm . Nucleus .
Source	Eukaryota
Protein Name	Protein S100-A11
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E. coli-derived human S100A11 recombinant protein (Position: A2-T105). Human S100A11 shares 86.7% amino acid (aa) sequence identity with both mouse and rat S100A11.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20° C for one year. After reconstitution, at 4° C for one month. It can also be aliquotted and stored frozen at -20° C for a longer time. Avoid repeated freezing and thawing.

Protein Information

Name	S100A11
Synonyms	MLN70, S100C
Function	Facilitates the differentiation and the cornification of keratinocytes.
Cellular Location	Cytoplasm. Nucleus

Background

S100 calcium-binding protein A11 (S100A11) is a protein that in humans is encoded by the S100A11 gene. 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. And S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis.

Images



Anti- S100A11 Picoband antibody, ABO12504, Western blotting
All lanes: Anti S100A11 (ABO12504) at 0.5ug/ml
WB: HELA Whole Cell Lysate at 40ug
Predicted bind size: 15KD
Observed bind size: 15KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.