

Rabbit anti-Human S100A14 Polyclonal Antibody | anti-S100A14 antibody

Anti-S100A14 Antibody Picoband

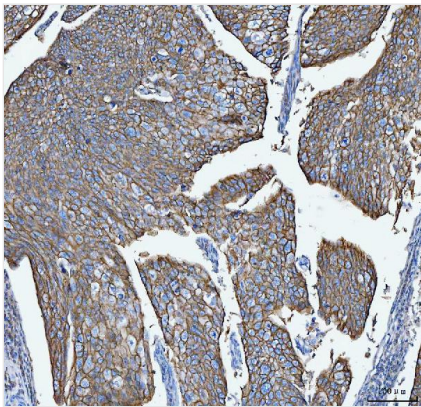
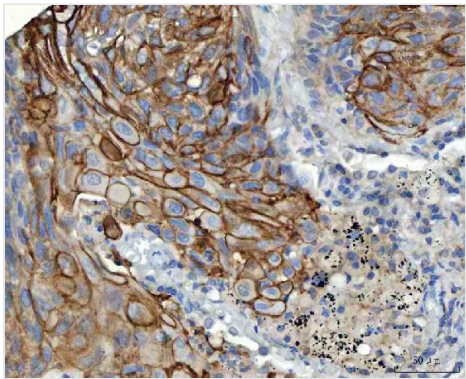
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126458	Rabbit	Human	Immunohistochemistry

PRODUCT SYNONYMS

S100A14; Polyclonal Antibody; Anti-S100A14 Antibody Picoband; anti-S100A14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-S100A14 antibody	IHC (Immunohistochemistry)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence of human S100A14 (ELIGEAAKSVKLERPVRGH).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Figure 2. IHC analysis of S100A14 using anti-S100A14 antibody (AAA126458).S100A14 was detected in a paraffin-embedded section of human lung squamous cell carcinoma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-S100A14 Antibody (AAA126458) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

IHC (Immunohistochemistry)
Figure 1. IHC analysis of S100A14 using anti-S100A14 antibody (AAA126458).S100A14 was detected in a paraffin-embedded section of human cervix squamous carcinoma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-S100A14 Antibody (AAA126458) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-S100A14 antibody	S100 calcium binding protein A14 (S100A14) is a protein that in humans is encoded by the S100A14 gene. This gene encodes a member of the S100 protein family which contains an EF-hand motif and binds calcium. The gene is located in a cluster of S100 genes on chromosome 1. Levels of the encoded protein have been found to be lower in cancerous tissue and associated with metastasis suggesting a tumor suppressor function.
Product Categories/Family for anti-S100A14 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	10190712
NCBI GeneID	57402
NCBI Accession #	NP_065723.1
NCBI GenBank Nucleotide #	NM_020672.2
UniProt Accession #	Q9HCY8; Q5RHT0
Molecular Weight	11,662 Da
NCBI Official Full Name	protein S100-A14
NCBI Official Synonym Full Names	S100 calcium binding protein A14
NCBI Official Symbol	S100A14
NCBI Official Synonym Symbols	BCMP84; S100A15
NCBI Protein Information	protein S100-A14; S100 calcium-binding protein A14; S114; breast cancer membrane protein 84
UniProt Protein Name	Protein S100-A14
UniProt Gene Name	S100A14
UniProt Synonym Gene Names	S100A15; S114
UniProt Entry Name	S10AE_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/s100a14-antibody-immunohistochemistry-elisa/126458>