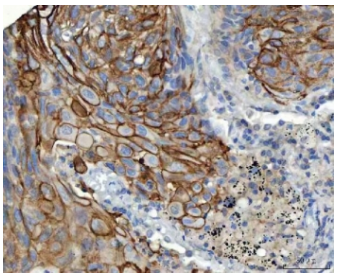
S100A14 Antibody (RQ7528)

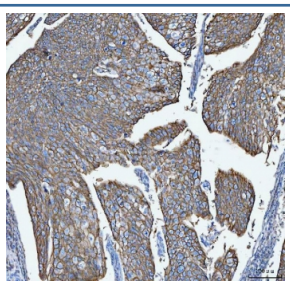
Catalog No.	Formulation	Size
RQ7528	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9HCY8
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE): 2-5ug/ml
Limitations	This S100A14 antibody is available for research use only.



IHC staining of FFPE human lung squamous cell carcinoma tissue with S100A14 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human cervical squamous carcinoma tissue with S100A14 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

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.

Application Notes

Optimal dilution of the S100A14 antibody should be determined by the researcher.

Immunogen

Amino acids ELIGEAAKSVKLERPVRGH from the human protein were used as the immunogen for the S100A14 antibody.

Storage

After reconstitution, the S100A14 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.