S100A11 Antibody (R32070)

Catalog No.	Formulation	Size
R32070	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
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P31949
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This S100A11 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with S100A11 antibody.
Expected/observed molecular weight: 12-15 kDa.

Description

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.

Application Notes

Optimal dilution of the S100A11 antibody should be determined by the researcher.

Immunogen

Amino acids 2-105 of human S100A11 were used as the immunogen for the S100A11 antibody.

Storage

After reconstitution, the S100A11 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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