

## S100A11 Antibody (R32070)

Catalog No.	Formulation	Size
R32070	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	P31949
<b>Applications</b>	Western Blot : 0.1-0.5ug/ml
<b>Limitations</b>	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.