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## S100A11 Rabbit pAb

Catalog Number: bs-55189R

Target Protein: S100A11

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:200-1000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (0.5µg-4µg antibody for 200µg-400µg extracts of whole cells), IP (1:50-200)

Reactivity: Human

Predicted MW: 13 kDa

Subcellular Nucleus

Locations:

Entrez Gene: 6282

Swiss Prot: P31949

Source: Recombinant human S100A11 protein: 1-105/105.

Purification: affinity purified by Protein A

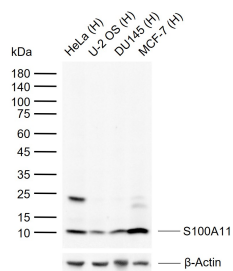
Storage: 0.01M TBS(pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

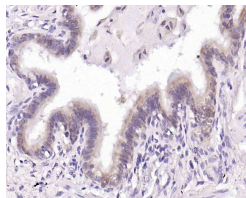
**Background:** The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. 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. [provided by RefSeq]

### VALIDATION IMAGES

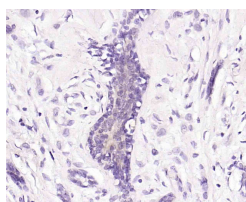
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Sample: Lane 1: Human HeLa cell lysates Lane 2: Human U-2 OS cell lysates Lane 3: Human DU145 cell lysates Lane 4: Human MCF-7 cell lysates Primary: Anti-S100A11 (bs-55189R) at 1/400 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 13 kDa Observed band size: 10 kDa



Paraformaldehyde-fixed, paraffin embedded (human lung carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (S100A11) Polyclonal Antibody, Unconjugated (bs-55189R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (S100A11) Polyclonal Antibody, Unconjugated (bs-55189R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.