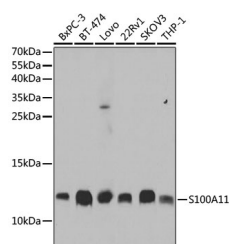


## (KO Validated) S100A11 Polyclonal Antibody

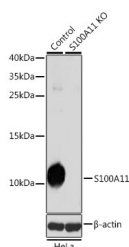
<b>Catalog No.</b>	E-AB-60988	<b>Reactivity</b>	H
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,IF	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

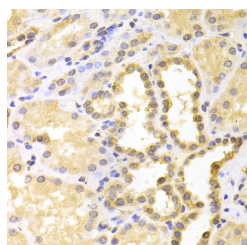
### Images



Western blot analysis of extracts of various cell lines using S100A11 Polyclonal Antibody at dilution of 1:1000.



Western blot analysis of extracts from normal (control) and S100A11 knockout (KO) HeLa cells using S100A11 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human kidney using S100A11 Polyclonal Antibody at dilution of 1:100 (40x lens).

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human S100A11 (NP_005611.1).
<b>GeneID</b>	6282
<b>Swissprot</b>	P31949
<b>Synonyms</b>	S100A11,HEL-S-43,MLN70,S100C

### Product Information

<b>Calculated MW</b>	11kDa
<b>Observed MW</b>	12kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200

### 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.