[KO Validated] FSP1/S100A4 Rabbit Polyclonal Antibody



CAB1631

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

12kDa

Calculated MW:

11kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein Background

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EFhand 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. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Immunogen information

Gene ID:

6275

Uniprot

P26447

Synonyms:

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:

Rabbit

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-101 of human FSP1/S100A4 (NP_002952.1).

18A2; 42A; CAPL; FSP1; MTS1; P9KA; PEL98; S100A4

Isotype:

IgG

Storage:

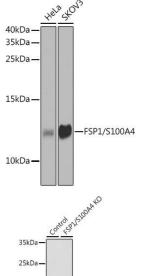
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

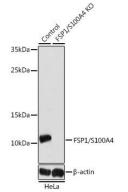
Purification:

Affinity purification

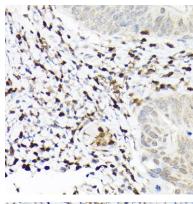
Product Images



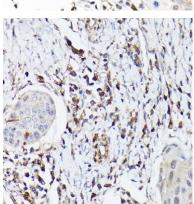
Western blot analysis of extracts of various cell lines, using FSP1/S100A4 antibody (CAB1631) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Western blot analysis of extracts from normal (control) and FSP1/S100A4 knockout (KO) HeLa cells, using FSP1/S100A4 antibody (CAB1631) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 180s.



Immunohistochemistry of paraffin-embedded human colon carcinoma using [KO Validated] FSP1/S100A4 Rabbit pAb (CAB1631) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophageal cancer using [KO Validated] FSP1/S100A4 Rabbit pAb (CAB1631) at dilution of 1:100 (40x lens).