

Fatty Acid Synthase Rabbit Polyclonal Antibody



CAB0461

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

273kDa

Calculated MW:

273kDa

Applications:

WB IHC IF IP

Reactivity:

Human, Mouse

Protein Background

The enzyme encoded by this gene is a multifunctional protein. Its main function is to catalyze the synthesis of palmitate from acetyl-CoA and malonyl-CoA, in the presence of NADPH, into long-chain saturated fatty acids. In some cancer cell lines, this protein has been found to be fused with estrogen receptor-alpha (ER-alpha), in which the N-terminus of FAS is fused in-frame with the C-terminus of ER-alpha.

Immunogen information

Gene ID:

2194

Uniprot

P49327

Synonyms:

FAS; OA-519; SDR27X1; FASN

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200 IP
1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

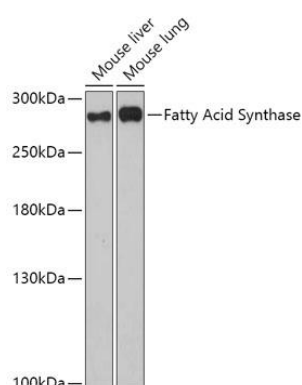
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 2212-2511 of human Fatty Acid Synthase (NP_004095.4).

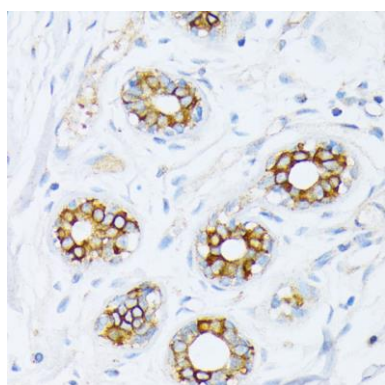
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

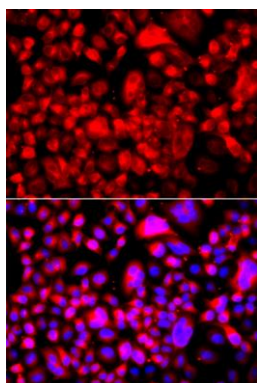
Product Images



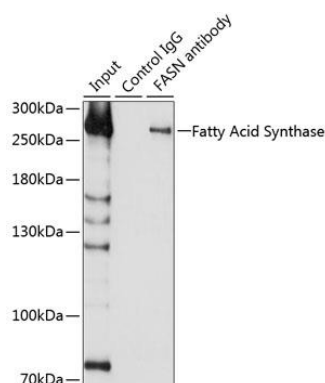
Western blot analysis of extracts of various cell lines, using Fatty Acid Synthase antibody (CAB0461) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded human breast cancer using Fatty Acid Synthase antibody (CAB0461) at dilution of 1:200 (40x lens).



Immunofluorescence analysis of A549 cells using Fatty Acid Synthase antibody (CAB0461). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of 293T cells, using 3 ug Fatty Acid Synthase antibody (CAB0461). Western blot was performed from the immunoprecipitate using Fatty Acid Synthase antibody (CAB0461) at a dilution of 1:1000.