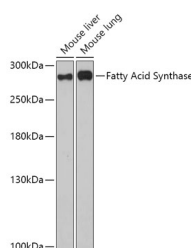


## Fatty Acid Synthase Polyclonal Antibody

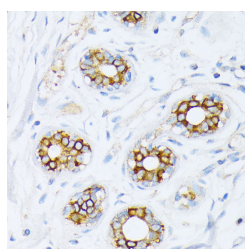
<b>Catalog No.</b>	E-AB-60080	<b>Reactivity</b>	H,M
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,IF	<b>Isotype</b>	IgG

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

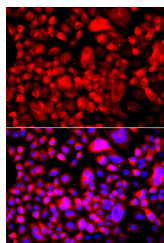
### Images



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



Immunohistochemistry of paraffin-embedded Human breast cancer using Fatty Acid Synthase Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunofluorescence analysis of A549 cells using Fatty Acid Synthase Polyclonal Antibody

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human Fatty Acid Synthase (NP_004095.4).
<b>GeneID</b>	2194
<b>Swissprot</b>	P49327
<b>Synonyms</b>	FAS,OA-519,SDR27X1,FASN

### Product Information

<b>Calculated MW</b>	273kDa
<b>Observed MW</b>	273kDa
<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 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.

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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.