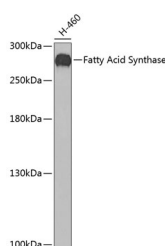


(KO Validated) Fatty Acid Synthase Polyclonal Antibody

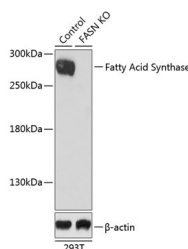
| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-63251 | Reactivity | H |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | WB,IHC,IF | Isotype | IgG |

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

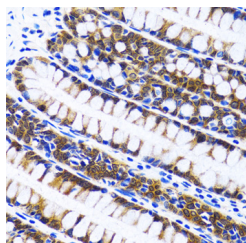
Images



Western blot analysis of extracts of H460 cells using Fatty Acid Synthase Polyclonal Antibody at dilution of 1:200.



Western blot analysis of extracts from normal (control) and Fatty Acid Synthase knockout (KO) 293T cells using Fatty Acid Synthase Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human colon using Fatty Acid Synthase Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunogen Information

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

Product Information

| | |
|----------------------|---|
| Calculated MW | 273kDa |
| Observed MW | 275kDa |
| Buffer | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Purify | Affinity purification |
| Dilution | WB 1:500-1:2000 IHC 1:50-1:100 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.

For Research Use Only

Thank you for your recent purchase.
 If you would like to learn more about antibodies, please visit www.elabscience.com.

Focus on your research
Service for life science

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.