

Fatty Acid Synthase Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03174
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Fatty Acid Synthase. AA range:1478-1527
Mol wt	273400
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Fatty Acid Synthase Antibody
Synonyms	FASN; FAS; Fatty acid synthase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Fatty acid synthase encoded by FASN 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.

Recommended Dilution

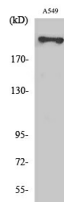
WB: 1: 500 - 1: 2000

ELISA: 1: 10000

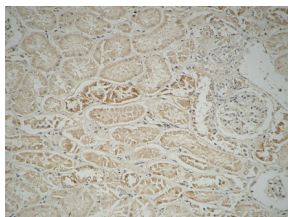
IHC-p: 100 - 300

Not yet tested in other applications.

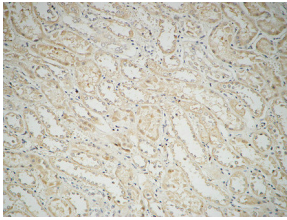
Images



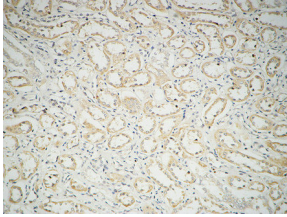
Western Blot analysis of various cells using Fatty Acid Synthase Polyclonal Antibody diluted at 1:1000



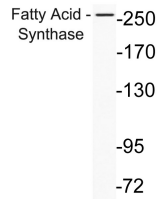
Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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Western blot analysis of lysate from A549 cells., using Fatty Acid Synthase antibody

Storage

-20°C for one year

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