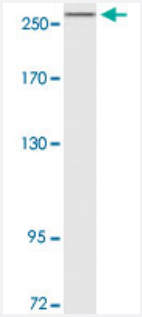
FASN polyclonal antibody

Catalog # PAB25085 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate with FASN polyclonal antibody (Cat # PAB25085).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of FASN.
Immunogen	A synthetic peptide corresponding to FASN.
Host	Rabbit
Theoretical MW (kDa)	270
Reactivity	Human
Specificity	FASN polyclonal antibody detects endogenous levels of FASN protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — FASN

Entrez GeneID	2194
Gene Name	FASN
Gene Alias	FAS, MGC14367, MGC15706, OA-519, SDR27X1
Gene Description	fatty acid synthase
Omim ID	600212
Gene Ontology	Hyperlink
Gene Summary	The enzyme encoded by this gene is a multifunctional protein. Its main function is to catalyze the s ynthesis of palmitate from acetyl-CoA and malonyl-CoA, in the presence of NADPH, into long-cha in saturated fatty acids. In some cancer cell lines, this protein has been found to be fused with estr ogen receptor-alpha (ER-alpha), in which the N-terminus of FAS is fused in-frame with the C-termi nus of ER-alpha. [provided by RefSeq
Other Designations	short chain dehydrogenase/reductase family 27X, member 1

Pathway

- Fatty acid biosynthesis
- Insulin signaling pathway
- Metabolic pathways

Disease

- Breast cancer
- Breast Neoplasms
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypercholesterolemia
- Insulin Resistance
- Kidney Failure
- Obesity
- Prostatic Neoplasms
- Psychiatric Status Rating Scales
- Schizophrenia
- Weight Gain