



Anti-FASN monoclonal antibody, clone FQS8576 (DCABH-2066)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Fatty Acid Synthase
Antigen Description	Fatty acid synthetase catalyzes the formation of long-chain fatty acids from acetyl-CoA, malonyl-CoA and NADPH. This multifunctional protein has 7 catalytic activities and an acyl carrier protein.
Immunogen	Synthetic peptide from a region of Human Fatty Acid Synthase
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS8576
Conjugate	Unconjugated
Applications	WB, Flow Cyt, ICC/IF
Positive Control	HeLa, 293T, A549, SHSY-5Y and MOLT4 cell lysates; A549 cells
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Preservative: 0.01% Sodium azide; Constituents: PBS, 50% Glycerol, 0.05% BSA
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	FASN fatty acid synthase [Homo sapiens]
Official Symbol	FASN
Synonyms	FASN; fatty acid synthase; FAS; SDR27X1; short chain dehydrogenase/reductase family 27X; member 1; short chain dehydrogenase/reductase family 27X, member 1; OA-519; MGC14367; MGC15706;
Entrez Gene ID	2194
Protein Refseq	NP_004095
UniProt ID	P49327
Chromosome Location	17q25
Pathway	ChREBP activates metabolic gene expression, organism-specific biosystem; Fatty Acid Biosynthesis, organism-specific biosystem; Fatty Acyl-CoA Biosynthesis, organism-specific biosystem; Fatty acid biosynthesis, organism-specific biosystem; Fatty acid biosynthesis, conserved biosystem; Fatty acid biosynthesis, elongation, organism-specific biosystem; Fatty acid biosynthesis, elongation, conserved biosystem;
Function	3-hydroxypalmitoyl-[acyl-carrier-protein] dehydratase activity; 3-oxoacyl-[acyl-carrier-protein] reductase (NADPH) activity; 3-oxoacyl-[acyl-carrier-protein] synthase activity; [acyl-carrier-protein] S-acetyltransferase activity; [acyl-carrier-protein] S-