

Product datasheet for TA359194

Fatty Acid Synthase (FASN) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human FASN
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	276kDa
Gene Name:	fatty acid synthase
Database Link:	NP_004095 Entrez Gene 2194 Human P49327

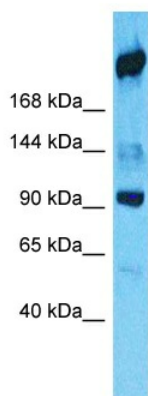


Background:

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.

Synonyms:

FAS; MGC14367; MGC15706; OA-519; SDR27X1

Product images:


Host: Rabbit

Target Name: FASN

Sample Tissue: 293T Cell Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit

Target Name: FASN

Sample Type: 293T Whole cell lysates

Antibody Dilution: 1.0ug/ml