

Product datasheet for **AP23118PU-N**

Fatty Acid Synthase (FASN) (2118-2129) Goat Polyclonal Antibody

Product data:

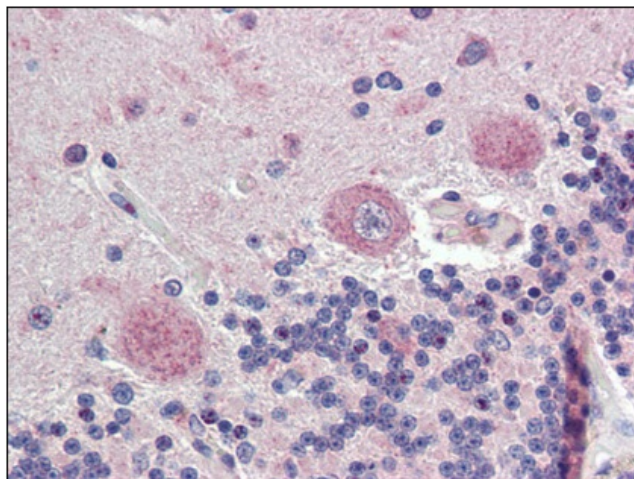
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 3.75 µg/ml.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from internal region of human FASN (NP_004095.4)
Specificity:	This antibody detects Fatty acid synthase (Internal).
Formulation:	Tris saline, pH 7.3 containing 0.02% sodium azide as preservative and 0.5% BSA as stabilizer State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	fatty acid synthase
Database Link:	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:	FASN, FAS
Protein Families:	Druggable Genome



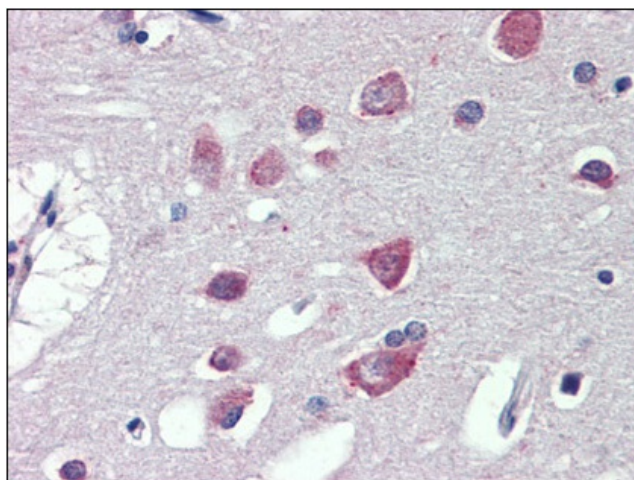
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Protein Pathways: Fatty acid biosynthesis, Insulin signaling pathway, Metabolic pathways

Product images:



Brain, cerebellum, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



Brain, cortex, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)