

For Research Use Only

FASN Recombinant monoclonal antibody

Catalog Number: 81079-2-RR

1 Publications



Basic Information

Catalog Number: 81079-2-RR	GenBank Accession Number: BC007909	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2194	CloneNo.: 260308B2
Source: Rabbit	UNIPROT ID: P49327	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: fatty acid synthase	
Immunogen Catalog Number: AG0975	Calculated MW: 272 kDa	
	Observed MW: 250-272 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, HeLa cells, rat liver tissue, Jurkat cells, HEK-293 cells, mouse liver tissue
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human	

Background Information

FASN gene codes for an enzyme essential for de novo fatty acid synthesis and cellular substrate energy metabolism. Active FASN is a homodimer in which each peptide subunit has a molecular weight of 260 kDa. FASN is overexpressed in various types of cancer including glioblastomas and is a potential therapeutic target. Recently FASN has been reported to contribute to the neurogenesis since FASN mutation caused intellectual disability in mice.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaowei Wang	42349123	Biochem Biophys Res Commun	WB

Storage

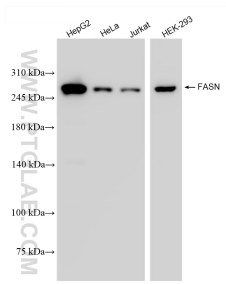
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

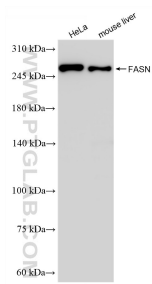
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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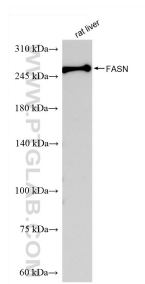
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81079-2-RR (FASN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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rat liver tissue were subjected to SDS PAGE followed by western blot with 81079-2-RR (FASN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.