

For Research Use Only

FASN Recombinant antibody

Catalog Number: 81079-1-RR



Basic Information

Catalog Number: 81079-1-RR	GenBank Accession Number: BC007909	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 2194	CloneNo.: 1L9
Source: Rabbit	UNIPROT ID: P49327	Recommended Dilutions: WB 1:5000-1:50000 IF 1:500-1:2000
Isotype: IgG	Full Name: fatty acid synthase	
Immunogen Catalog Number: AG0975	Calculated MW: 272 kDa	
	Observed MW: 250-270 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	WB : HEK-293 cells, HeLa cells, MCF-7 cells, U-251 cells, Neuro-2a cells, HSC-T6 cells, mouse liver tissue, rat liver tissue
	IF : HeLa cells,

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.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

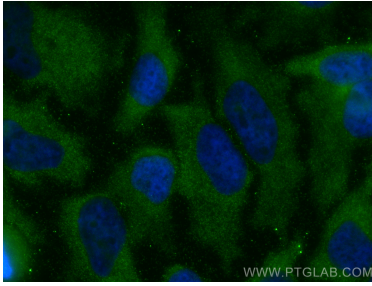
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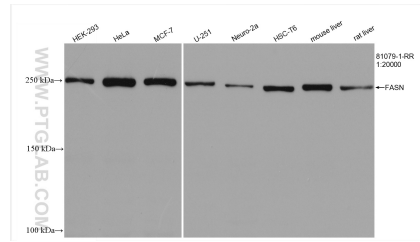
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Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using FASN antibody (81079-1-RR, Clone: 1L9) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 81079-1-RR (FASN antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.