

For Research Use Only

# FASN Recombinant antibody, PBS Only



Catalog Number: 81079-1-PBS

## Basic Information

<b>Catalog Number:</b> 81079-1-PBS	<b>GenBank Accession Number:</b> BC007909	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2194	<b>CloneNo.:</b> 1L9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P49327	
<b>Isotype:</b> IgG	<b>Full Name:</b> fatty acid synthase	
<b>Immunogen Catalog Number:</b> AG0975	<b>Calculated MW:</b> 272 kDa	
	<b>Observed MW:</b> 250-270 kDa	

## Applications

**Tested Applications:**  
WB, IF, Indirect ELISA

**Species Specificity:**  
Human, mouse, rat

## 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

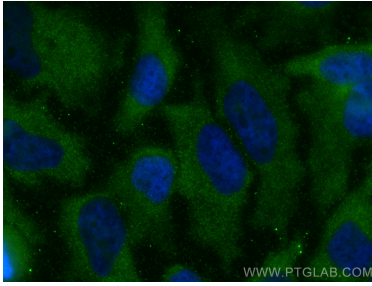
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

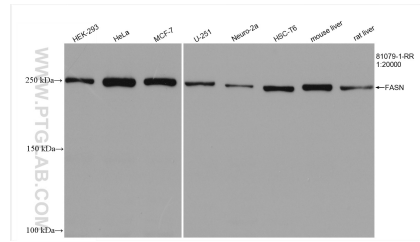
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## Selected Validation Data



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). This data was developed using the same antibody clone with 81079-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 81079-1-PBS in a different storage buffer formulation.