

For Research Use Only

FASN Recombinant monoclonal antibody

Catalog Number: 81079-2-RR

1 Publications



Basic Information

Catalog Number:

81079-2-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0975

GenBank Accession Number:

BC007909

GeneID (NCBI):

2194

UNIPROT ID:

P49327

Full Name:

fatty acid synthase

Calculated MW:

272 kDa

Observed MW:

250-272 kDa

Purification Method:

Protein A purification

CloneNo.:

260308B2

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : HepG2 cells, HeLa cells, rat liver tissue, Jurkat cells, HEK-293 cells, mouse liver tissue

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

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

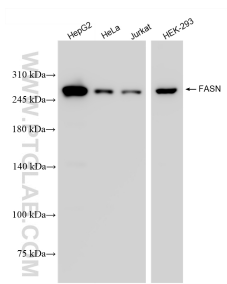
T: 4006900926

E: Proteintech-CN@ptglab.com

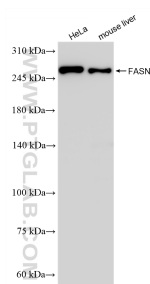
W: ptgcn.com

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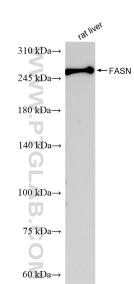
Selected Validation Data



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.