

## Anti- Fatty Acid Synthase/FASN Rabbit pAb

Wanleibio



WLA0521

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti- Fatty Acid Synthase/FASN Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:1000-1:2000
	IHC, IF	1:100-1:500
<b>Cellular localization</b>	Cytoplasm. Melanosome.	
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

**Background**

The enzyme encoded by the FASN gene is a multifunctional protein. Its main function is to catalyze palmitate from acetyl CoA and malonyl CoA to long-chain saturated fatty acids in the presence of NADPH. FASN is overexpressed in various cancers, including glioblastoma, and is a potential therapeutic target.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Fatty Acid Synthase/FASN .

**Purification**

Polyclonal antibody was purified by Protein A affinity chromatography.

## Anti- Fatty Acid Synthase/FASN Rabbit pAb

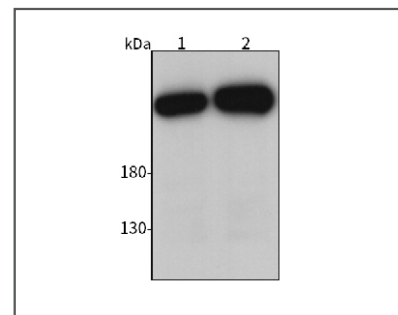
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## Product Images



Western blot-Anti- Fatty Acid Synthase/FASN pAb

Lane 1: Human MDA-MB-231 cell lysate

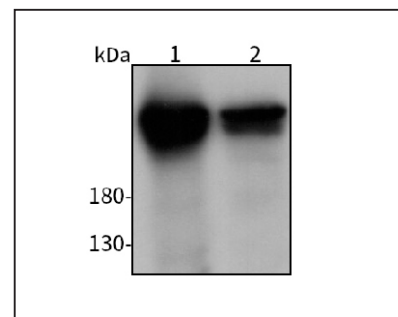
Lane 2: Human Hela cell lysate

All lanes: Anti- Fatty Acid Synthase/FASN at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 273 kDa

Observed band size: 273 kDa



Western blot-Anti- Fatty Acid Synthase/FASN pAb

Lane 1: Mouse liver tissue lysate

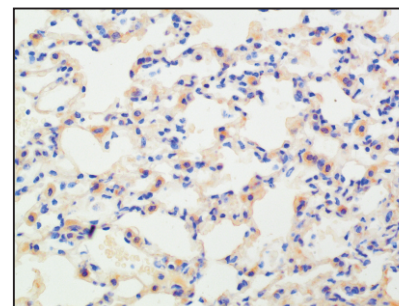
Lane 2: Rat lung tissue lysate

All lanes: Anti- Fatty Acid Synthase/FASN at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 273 kDa

Observed band size: 273 kDa



Immunohistochemistry-Anti- Fatty Acid Synthase/FASN pAb

Immunohistochemical analysis of paraffin-embedded mouse lung using

anti- Fatty Acid Synthase/FASN Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

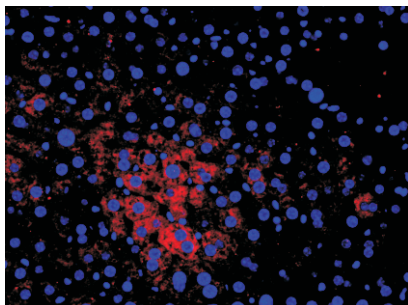
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#### Immunofluorescence-Anti-Fatty Acid Synthase/FASN pAb

Immunofluorescence analysis of paraffin-embedded rat liver using anti-Fatty Acid Synthase/FASN Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0