

Datasheet for ABIN574076

**anti-Fatty Acid Synthase antibody (AA 2118-2129)****3** Images[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	Fatty Acid Synthase (FASN)
Binding Specificity:	AA 2118-2129
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Fatty Acid Synthase antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide YRDRDSQRDLVE from internal region of human FASN (NP_004095.4). Percent identity by BLAST analysis: Human, Gorilla (100%), Coccidioides (83%).  Type of Immunogen: Synthetic peptide
Specificity:	Human FASN / Fatty Acid Synthase.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla (100%) Coccidioides (83%).
Purification:	Immunoaffinity purified

## Target Details

Target:	Fatty Acid Synthase (FASN)
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## Target Details

Alternative Name:	FASN / Fatty Acid Synthase ( <a href="#">FASN Products</a> )
Background:	Name/Gene ID: FASN  Synonyms: FASN, Fatty acid synthase, OA-519, SDR27X1
Gene ID:	2194
NCBI Accession:	<a href="#">NP_004095</a>
UniProt:	<a href="#">P49327</a>
Pathways:	<a href="#">AMPK Signaling</a>

## Application Details

Application Notes:	Approved: IHC, IHC-P (3.75 µg/mL)  Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 3.75 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

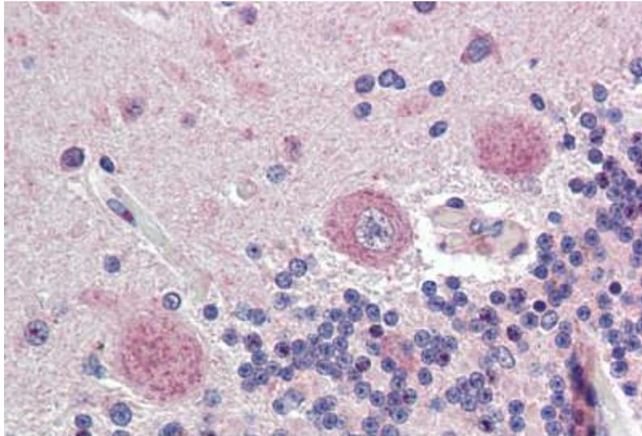
Format:	Liquid
Concentration:	Lot specific
Buffer:	Tris-buffered saline, pH 7.3, 0.5 % BSA, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

## Handling

Storage: -20 °C

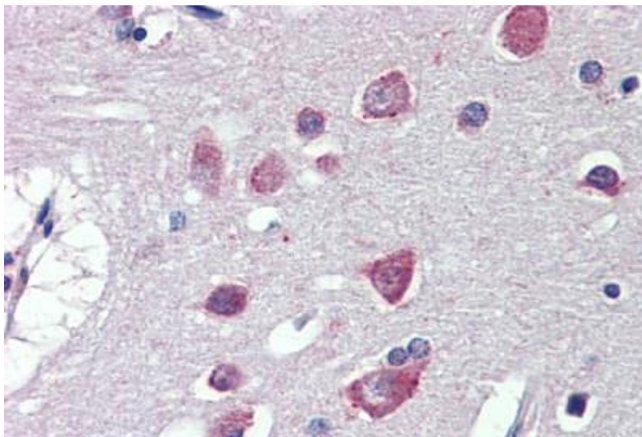
Storage Comment: Store at -20°C. Avoid freeze-thaw cycles.

## Images



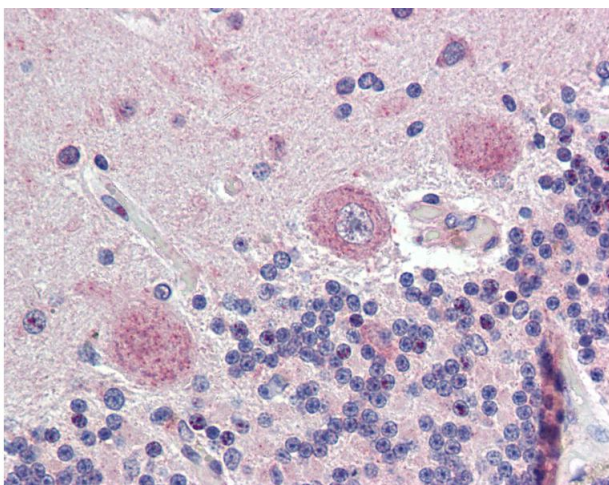
### Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

**Image 1.** Brain, cerebellum, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



### Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

**Image 2.** Brain, cortex, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



### Immunohistochemistry

**Image 3.** Anti-Fatty Acid Synthase antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.