

Datasheet for ABIN2856208

anti-NPAS1 antibody

7 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	NPAS1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPAS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human NPAS1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to NPAS1 (neuronal PAS domain protein 1) NPAS1 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	NPAS1
---------	-------

Target Details

Alternative Name:	neuronal PAS domain protein 1 (NPAS1 Products)
Background:	<p>The protein encoded by this gene is a member of the basic helix-loop-helix (bHLH)-PAS family of transcription factors. Studies of a related mouse gene suggest that it functions in neurons. The exact function of this gene is unclear, but it may play protective or modulatory roles during late embryogenesis and postnatal development.</p> <p>Cellular Localization: Nucleus</p>
Molecular Weight:	63 kDa
Gene ID:	4861
UniProt:	Q99742

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: U87-MG , IMR32 , SK-N-AS
Restrictions:	For Research Use only

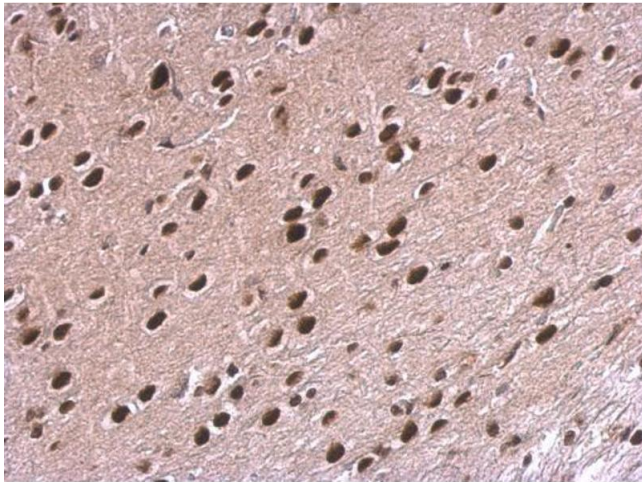
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

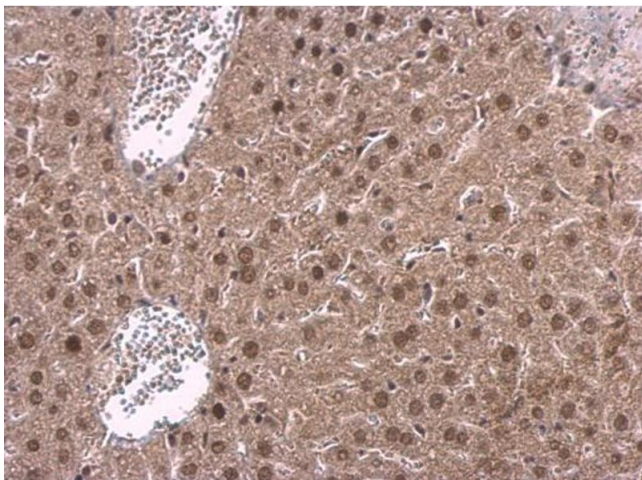
Product cited in: Miettinen, Felisiak-Golabek, Wasag, Chmara, Wang, Butzow, Lasota: "Fumarase-deficient Uterine Leiomyomas: An Immunohistochemical, Molecular Genetic, and Clinicopathologic Study of 86 Cases." in: **The American journal of surgical pathology**, Vol. 40, Issue 12, pp. 1661-1669, (2017) ([PubMed](#)).

Images



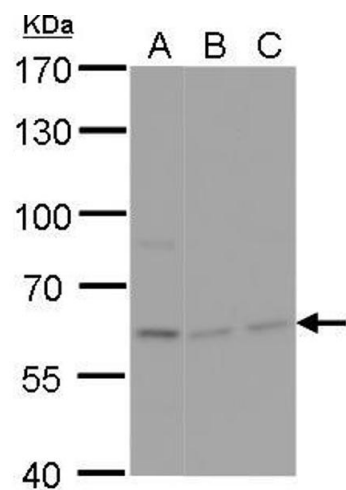
Immunohistochemistry

Image 1. IHC-P Image NPAS1 antibody detects NPAS1 protein at nucleus on rat fore brain by immunohistochemical analysis. Sample: Paraffin-embedded rat fore brain. NPAS1 antibody , dilution: 1:500.



Immunohistochemistry

Image 2. IHC-P Image NPAS1 antibody detects NPAS1 protein at nucleus on mouse liver by immunohistochemical analysis. Sample: Paraffin-embedded mouse liver. NPAS1 antibody , dilution: 1:500.



Western Blotting

Image 3. WB Image NPAS1 antibody detects NPAS1 protein by Western blot analysis. A. 30 µg U87-MG whole cell lysate/extract B. 30 µg IMR32 whole cell lysate/extract C. 30 µg SK-N-AS whole cell lysate/extract 7.5 % SDS-PAGE NPAS1 antibody , dilution: 1:1000

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN2856208.