

NPAS1 antibody

Cat. No. GTX105876

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IHC
Reactivity	Human, Mouse, Rat

References (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Calculated MW 63 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	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.
Concentration	1.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human NPAS1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

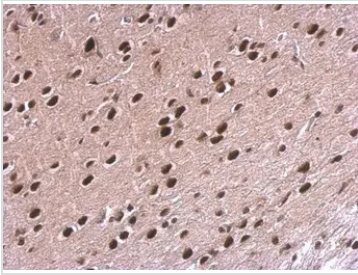


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Note

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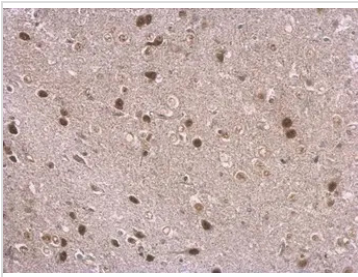
DATA IMAGES

GTx105876 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 (GTx105876) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min

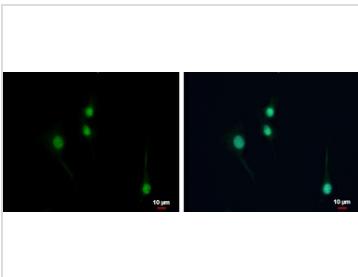

GTx105876 IHC-P Image

NPAS1 antibody detects NPAS1 protein at nucleus on mouse middle brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse middle brain.

NPAS1 antibody (GTx105876) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min

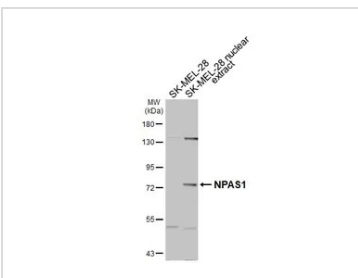

GTx105876 ICC/IF Image

NPAS1 antibody detects NPAS1 protein at nucleus by immunofluorescent analysis.

Sample: U87-MG cells were fixed in 4% paraformaldehyde/PBS for 15 min.

Green: NPAS1 protein stained by NPAS1 antibody (GTx105876) diluted at 1:500.

Blue: Hoechst 33342 staining.


GTx105876 WB Image

SK-MEL-28 whole cell and nuclear extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with NPAS1 antibody (GTx105876) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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