

p66 alpha/GATAD2A Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57853

Specification

p66 alpha/GATAD2A Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q86YP4
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human p66 alpha
Epitope Specificity	151-250/633
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus speckle.
SIMILARITY	Contains 1 GATA-type zinc finger.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

GATAD2A (GATA Zinc Finger Domain Containing 2A) is a Protein Coding gene. Among its related pathways are Activated PKN1 stimulates transcription of AR (androgen receptor) regulated genes KLK2 and KLK3 and Development NOTCH1-mediated pathway for NF-KB activity modulation. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and protein binding, bridging. An important paralog of this gene is GATAD2B.

p66 alpha/GATAD2A Polyclonal Antibody - Additional Information

Gene ID 54815

Other Names

Transcriptional repressor p66-alpha, Hp66alpha, GATA zinc finger domain-containing protein 2A, GATAD2A

Target/Specificity

Ubiquitous, both in fetal and adult tissues.

Dilution

IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

p66 alpha/GATAD2A Polyclonal Antibody - Protein Information**Name** GATAD2A**Function**

Transcriptional repressor (PubMed:12183469, PubMed:16415179). Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed:16428440, PubMed:28977666). Enhances MBD2-mediated repression (PubMed:12183469, PubMed:16415179). Efficient repression requires the presence of GATAD2B (PubMed:16415179).

Cellular Location

Nucleus speckle. Nucleus. Chromosome. Note=Speckled nuclear localization requires both CR1 and CR2 regions (PubMed:16415179). Localizes to sites of DNA damage in a manner partially dependent on ZMYND8 (PubMed:27732854).

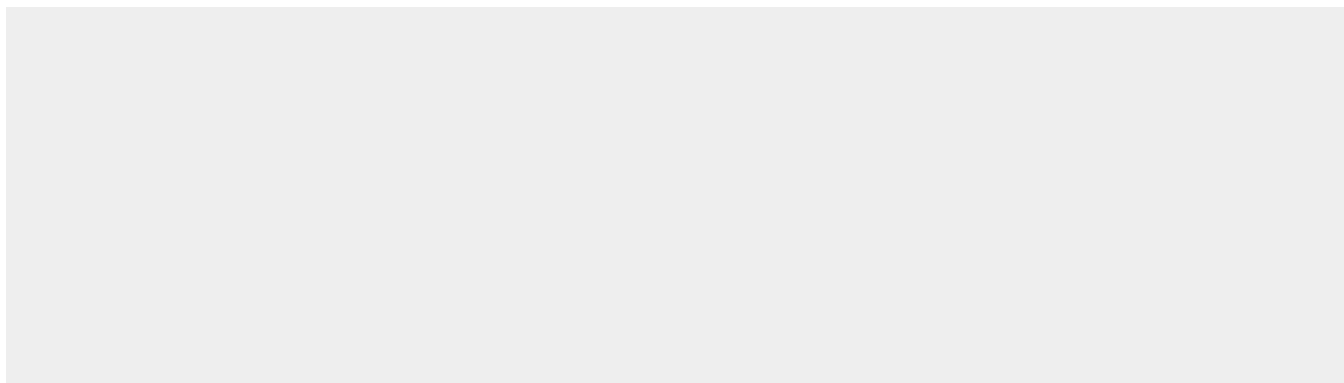
Tissue Location

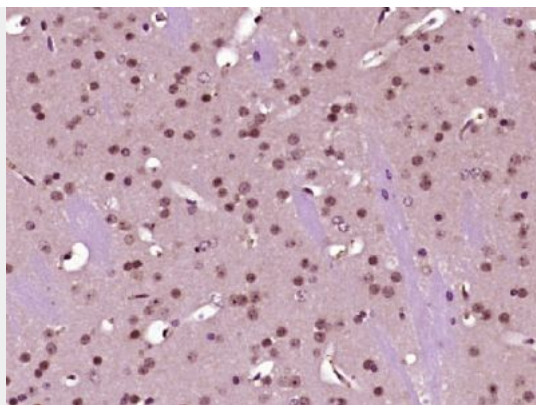
Ubiquitous, both in fetal and adult tissues.

p66 alpha/GATAD2A Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

p66 alpha/GATAD2A Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (p66 alpha) Polyclonal Antibody, Unconjugated (bs-21072R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.