

A9716

Leader in Biomolecular Solutions for Life Science



## GATAD2B Rabbit pAb

Catalog No.: A9716

### Basic Information

**Observed MW**

80kDa

**Calculated MW**

65kDa

**Category**

Polyclonal Antibody

**Applications**

WB, IHC-P, IP, ELISA

**Cross-Reactivity**

Human, Mouse, Rat

### Background

This gene encodes a zinc finger protein transcriptional repressor. The encoded protein is part of the methyl-CpG-binding protein-1 complex, which represses gene expression by deacetylating methylated nucleosomes. Mutations in this gene are linked to intellectual disability and dysmorphic features associated with cognitive disability.

### Recommended Dilutions

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

### Immunogen Information

**Gene ID**

57459

**Swiss Prot**

Q8WXI9

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human GATAD2B (NP\_065750.1).

**Synonyms**

p68; GANDS; MRD18; P66beta; GATAD2B

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

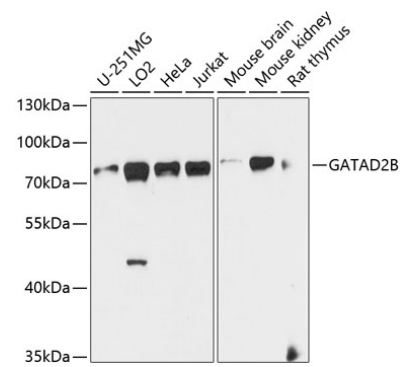
Affinity purification

**Storage**

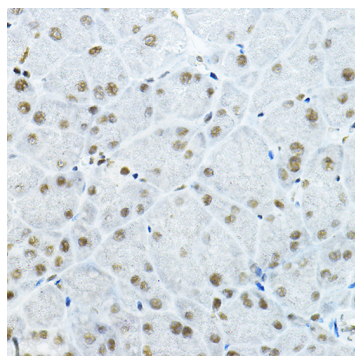
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

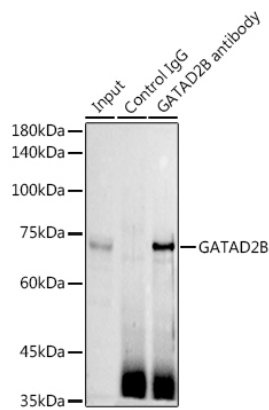
Validation Data



Western blot analysis of various lysates using GATAD2B Rabbit pAb (A9716) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



Immunohistochemistry analysis of GATAD2B in paraffin-embedded mouse pancreas using GATAD2B Rabbit pAb (A9716) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg GATAD2B antibody (A9716). Western blot was performed from the immunoprecipitate using GATAD2B antibody (A9716) at a dilution of 1:1000.