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GATAD2B Rabbit pAb

Catalog No.: A9716

Basic Information

Observed MW
80kDa

Calculated MW
65kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P,IP

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

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Product Information

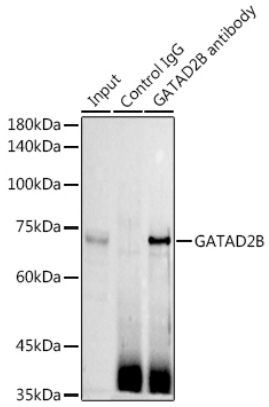
Source
Rabbit

Isotype
IgG

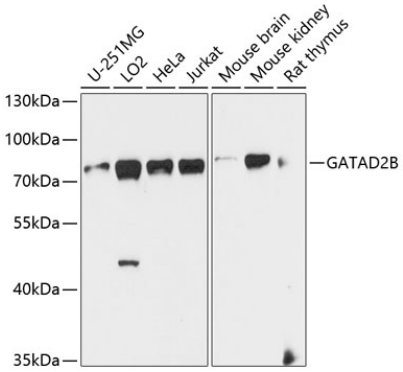
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

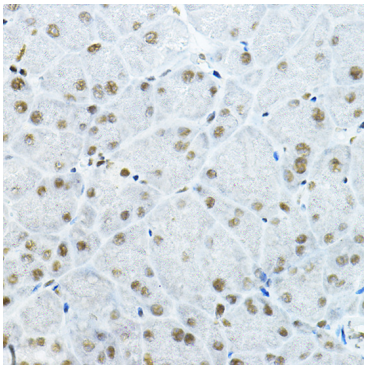
Validation Data



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.



Western blot analysis of various lysates using GATAD2B Rabbit pAb (A9716) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) 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 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.