

Datasheet for ABIN685897
anti-JunD antibody (AA 245-347)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	JunD (JUND)
Binding Specificity:	AA 245-347
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JunD antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Jun D
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	JunD (JUND)
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Target Details

Alternative Name: Jun D ([JUND Products](#))

Background: Synonyms: jun D proto-oncogene, JUND1, AP-1, JUND, JUND1, MGC6245, MGC72300.
Background: The cJun proto-oncogene was first identified as the cellular homolog of the avian sarcoma virus vjun oncogene. JunB and JunD have been shown to be almost identical to cJun in their C terminal regions, which are involved in dimerization and DNA binding, whereas their N terminal domains, which are involved in transcriptional activation, diverge. JunB is a transcription factor involved in regulating gene activity following the primary growth factor response. It binds to the DNA sequence 5'-TGA[CG]TCA-3'. The protein encoded by this intronless gene is a member of the JUN family, and a functional component of the AP1 transcription factor complex. It has been proposed to protect cells from p53-dependent senescence and apoptosis. Alternate translation initiation site usage, including non-AUG codons, results in the production of different isoforms.

Gene ID: 3727

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

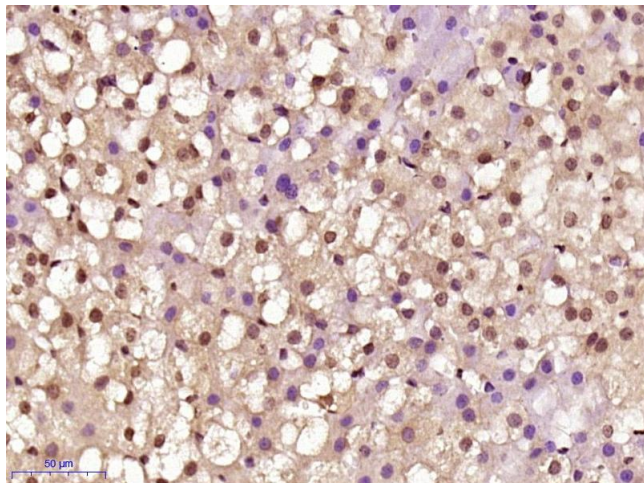
Storage: 4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded Rat adrenal gland 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 Jun D Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, DAB staining.