

Datasheet for ABIN6972242  
**anti-JunD antibody (N-Term)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	JunD (JUND)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunoprecipitation (IP), ChIP DNA-Sequencing (ChIP-seq)

## Product Details

Immunogen:	This antibody was raised against a peptide within the N-terminal region of human JunD.
Isotype:	IgG
Characteristics:	JunD (Jun D proto-oncogene) is a member of the JUN family and forms a component of the AP-1 transcription factor complex. JunD binds DNA as a dimer. Other AP-1 family members consist of c-Fos, Fra-1, Fra-2, FosB, c-Jun, and JunD. JunD antibody (pAb) was raised in a Rabbit host. It has been validated for use in ChIP-Seq, Immunoprecipitation and Western blot, it has been shown to react with Human samples.
Purification:	Affinity Purified

## Target Details

Target:	JunD (JUND)
Alternative Name:	JunD ( <a href="#">JUND Products</a> )

## Target Details

Molecular Weight:	40 & 45 kDa
NCBI Accession:	<a href="#">NP_002220</a>

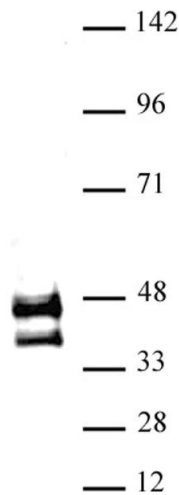
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

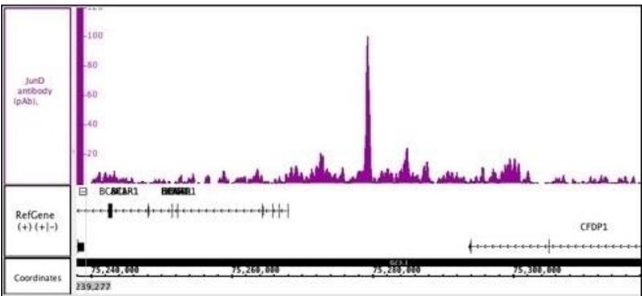
Buffer:	Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.

## Images



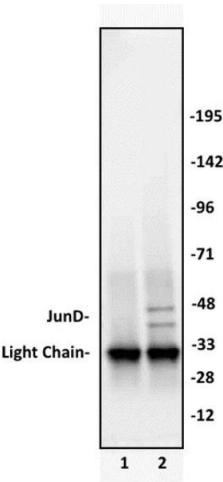
### Western Blotting

**Image 1.** JunD antibody (pAb) tested by Western blot. K-562 nuclear extract (20 µg) probed with JunD antibody at a dilution of 1:1,000.



### ChIP DNA-Sequencing

**Image 2.** JunD antibody (pAb) tested by ChIP-Seq. Chromatin immunoprecipitation (ChIP) was performed using the ChIP-IT High Sensitivity Kit with 30 µg of chromatin from human endometrial stromal cell chromatin and 4 µg of JunD antibody. ChIP DNA was sequenced on the Illumina HiSeq and 8.6 million sequence tags were mapped to identify JunD binding sites on chromosome 16. You can view the complete data set in the UCSC Genome Browser, starting at this specific location, [here](#).



### Immunoprecipitation

**Image 3.** JunD antibody (pAb) tested by Immunoprecipitation. 10 µL of JunD antibody was used to immunoprecipitate JunD from 250 µg of K562 nuclear cell extract (lane 2). 10 µL of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the JunD antibody at a dilution of 1:1,000.