

**Goat Anti-JUNB Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF1578a****Specification**

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**Goat Anti-JUNB Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P17275</a>
Other Accession	<a href="#">NP_002220</a> , <a href="#">3726</a> , <a href="#">16477 (mouse)</a> , <a href="#">24517 (rat)</a>
Reactivity	Human
Predicted	Mouse, Rat, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	35879

**Goat Anti-JUNB Antibody - Additional Information****Gene ID** 3726**Other Names**

Transcription factor jun-B, JUNB

**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-JUNB Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-JUNB Antibody - Protein Information****Name** JUNB**Function**

Transcription factor involved in regulating gene activity following the primary growth factor response. Binds to the DNA sequence 5'-TGA[GC]TCA-3'. Heterodimerizes with proteins of the FOS family to form an AP-1 transcription complex, thereby enhancing its DNA binding activity to an AP-1 consensus sequence and its transcriptional activity (By similarity).

**Cellular Location**

Nucleus.

### Goat Anti-JUNB 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](#)

### Goat Anti-JUNB Antibody - Images



AF1578a (0.3 µg/ml) staining of Human Breast Cancer lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Goat Anti-JUNB Antibody - References

Over-expression of JunB inhibits mitochondrial stress and cytotoxicity in human lymphoma cells exposed to chronic oxidative stress. Son YO, et al. BMB Rep, 2010 Jan. PMID 20132737.  
[Expression and functional analysis of transcriptional factor JunB in hepatic cancer cells] Wang L, et al. Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi, 2010 Jan. PMID 20056077.  
DNA methylation does not regulate JUNB expression in CML: comment on Downregulation of JUNB mRNA expression in advanced phase chronic myelogenous leukemia by Hoshino et al. [Leuk. Res. 33 (2009) 1361-1366]. Strathdee G, et al. Leuk Res, 2010 May. PMID 20006998.  
Human papillomavirus type 8 E2 protein unravels JunB/Fra-1 as an activator of the beta4-integrin gene in human keratinocytes. Oldak M, et al. J Virol, 2010 Feb. PMID 19923172.  
Expression and clinical significance of p53, JunB and KAI1/CD82 in human hepatocellular carcinoma. Guo C, et al. Hepatobiliary Pancreat Dis Int, 2009 Aug. PMID 19666408.