

## DNAJB2 polyclonal antibody

Catalog: BS60583

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

The DnaJ family is one of the largest of all the chaperone families and has evolved with diverse cellular localization and functions. The presence of the J domain defines a protein as a member of the DnaJ family. DnaJ heat shock induced proteins are from the bacterium Escherichia coli and are under the control of the htpR regulatory protein. The DnaJ proteins play a critical role in the HSP 70 chaperone machine by interacting with HSP 70 to stimulate ATP hydrolysis. The proteins contain cysteine rich regions that are composed of zinc fingers that form a peptide binding domain responsible for the chaperone function. DnaJ proteins are important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis. DnaJB2 (DnaJ homolog subfamily B member 2), also known as HSJ1 or HSPF3, is expressed almost exclusively in the brain, with the highest levels in the frontal cortex and hippocampus. Two isoforms are produced due to alternative splicing.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 36 kDa

### Swiss-Prot:

P25686

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

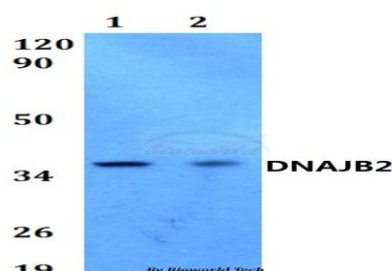
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

DNAJB2 polyclonal antibody detects endogenous levels of DNAJB2 protein.

### DATA:



Western blot (WB) analysis of DNAJB2 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:PC12 whole cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

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