

**JTV1 polyclonal antibody**

Catalog: AP6009

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

JTV1, also known as P38 or AIMP2 (aminoacyl tRNA synthetase complex-interacting multifunctional protein 2), is a 320 amino acid nuclear and cytoplasmic protein that is a component of the aminoacyl-tRNA synthase complex. Containing one GST C-terminal domain, JTV1 mediates ubiquitination and degradation of FBP1, a transcriptional activator of c-Myc, leading to c-Myc down-regulation, which is required for alveolar type II cell differentiation. JTV1 also participates in blocking MDM2-mediated ubiquitination, degradation of p53 and functions as a proapoptotic factor.

**Product:**

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

**Molecular Weight:**

~ 35 kDa

**Swiss-Prot:**

Q13155

**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:**

JTV1 polyclonal antibody detects endogenous levels of JTV1 protein.

**DATA:****Note:**

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

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