

### Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:5000, WB:1:500-1:2000

**Protein Background:**

AKIP (AURKA-interacting protein), also known as AURKAIP1 (aurora kinase A interacting protein 1) or AIP, is a 199 amino acid, protein that localizes to the nucleus and is ubiquitously expressed, with highest levels present in testis, heart and skeletal muscle. Interacting specifically with ARK-1 (aurora kinase 1), AKIP functions to induce the proteasomal-dependent degradation of ARK-1, thereby acting as a negative regulator of ARK-1 activity. AKIP is encoded by a gene which maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.

**Gene ID:**

AURKAIP1

**Uniprot**

Q9NWT8

**Synonyms:**

aurora kinase A interacting protein 1

**Immunogen:**

Fusion protein of human AURKAIP1.

**Storage:**

-20&deg; C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

## Product Images

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Gel: 10%SDS-PAGE, Lysate: 40  $\mu$ g, Lane: Human testis tissue, Primary antibody: PACO15813(AURKAIP1 Antibody) at dilution 1/600, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.