

## **Product datasheet for TA360141**

### OriGene Technologies, Inc.

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## **KPNA5 Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

**Clonality:** Polyclonal

Immunogen: The immunogen for Anti-KPNA5 antibody is: synthetic peptide directed towards the N-

terminal region of Human IMA6

**Specificity: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity purified
Conjugation: Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 58 kDa

Gene Name: karyopherin subunit alpha 5

Database Link: Entrez Gene 3841 Human

015131

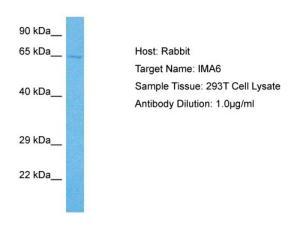
**Background:** The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is

mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million daltons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion; larger molecules are transported by an active process. Most nuclear proteins contain short basic amino acid sequences known as nuclear localization signals (NLSs). KPNA5 protein belongs to the importin alpha protein family and is thought to be involved in NLS-dependent protein import into the nucleus.



Synonyms: IPOA6; OTTHUMP00000017076; SRP6

# **Product images:**



WB Suggested Anti-IMA6 antibody Titration: 1

ug/mL

Sample Type: Human 293T Whole Cell