

## **Product datasheet for TA357650**

### OriGene Technologies, Inc.

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### Adenosine Receptor A2a (ADORA2A) Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

**Clonality:** Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the N terminal region of human

ADORA2A

**Specificity: Expected reactivity**: Dog, Human, Rabbit, Rat

Homology: Dog: 86%; Human: 100%; Rabbit: 85%; Rat: 79%

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:** 45kDa

**Gene Name:** adenosine A2a receptor

Database Link: NP 000666

Entrez Gene 135 Human

P29274

Background: ADORA2A is one of several receptor subtypes for adenosine. The activity of the protein, a G-

protein coupled receptor family member, is mediated by G proteins which activate adenylyl cyclase. ADORA2A is abundant in basal ganglia, vasculature and platelets and it is a major

target of caffeine.

Synonyms: ADORA2; hA2aR; RDC8





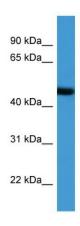
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**Protein Families:** Druggable Genome, GPCR, Transmembrane

**Protein Pathways:** Calcium signaling pathway, Neuroactive ligand-receptor interaction, Vascular smooth muscle

contraction

# **Product images:**



WB Suggested Anti-ADORA2A Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Jurkat cell lysate