

## Product datasheet for **TA357650**

### 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:	<b>Expected reactivity:</b> Dog, Human, Rabbit, Rat <b>Homology:</b> 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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	<a href="#">NP_000666</a> <a href="#">Entrez Gene 135 Human P29274</a>
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