

## Product datasheet for **TA372966**

### Adenosine A3 Receptor (ADORA3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse liver tissue lysate IHC: 100-300 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ADORA3
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	36 kDa
Gene Name:	adenosine A3 receptor
Database Link:	<a href="#">Entrez Gene 140 Human</a> <a href="#">P0DMS8</a>



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**Background:**

This gene encodes a protein that belongs to the family of adenosine receptors, which are G-protein-coupled receptors that are involved in a variety of intracellular signaling pathways and physiological functions. The receptor encoded by this gene mediates a sustained cardioprotective function during cardiac ischemia, it is involved in the inhibition of neutrophil degranulation in neutrophil-mediated tissue injury, it has been implicated in both neuroprotective and neurodegenerative effects, and it may also mediate both cell proliferation and cell death. Alternative splicing results in multiple transcript variants. This gene shares its 5' terminal exon with some transcripts from overlapping GenelD:57413, which encodes an immunoglobulin domain-containing protein.

**Synonyms:**

A3AR; AD026; bA552M11.5

**Product images:**

kDa

130 —

95 —

72 —

55 —

36 —

28 —

17 —



Gel: 8%SDS-PAGE

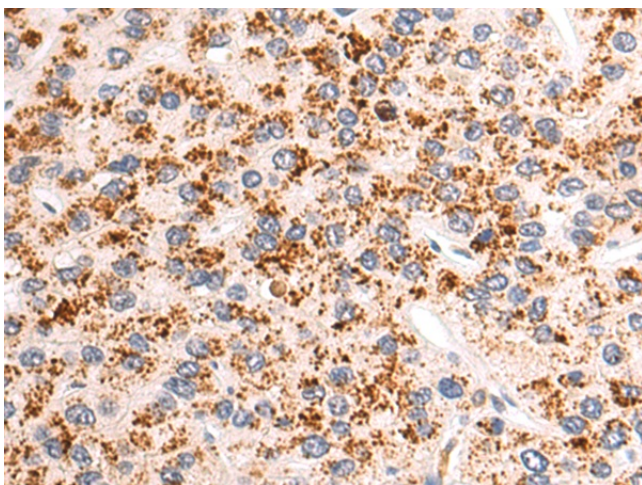
Lysate: 40 µg

Lane: Mouse liver tissue lysate

Primary antibody: TA372966 (ADORA3 Antibody) at dilution 1/800

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

Exposure time: 5 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA372966 (ADORA3 Antibody) at dilution 1/140. (Original magnification: ×200)