

Polyclonal Antibody to Adenosine receptor A3 (Extracell. Dom.) - Aff - Purified

Alternate names:	ADORA3, Adenosine A3 receptor
Catalog No.:	SP4055P
Quantity:	50 µg
Concentration:	1.0 mg/ml
Background:	<p>A3 Adenosine Receptor is a widely expressed receptor that mediates the multiple functions of adenosine. For example, this receptor is believed to mediate the protective effect of adenosine released during cardiac ischemia. In lungs, the receptor mediates inhibition of eosinophil chemotaxis and may be useful in the treatment of eosinophil-dependent diseases such as asthma and rhinitis.</p> <p>Adenosine A3 Receptor has been reported mostly in brain, lung, liver, heart, kidney, and testis. ESTs have been isolated from heart/melanocyte/uterus, kidney, pituitary, and placenta libraries.</p>
Uniprot ID:	P33765
NCBI:	NP_000668.1
GeneID:	140
Host:	Rabbit
Immunogen:	<p>KLH conjugated Synthetic peptide corresponding to the 2nd extracellular domain of Human Adenosine A3 Receptor.</p> <p>Genename: ADORA3</p> <p>Remarks: The immunizing peptide shows 24% identity (35% similarity) with Mouse and 47% identity (64% similarity) with Rat.</p>
Format:	<p>State: Liquid purified Ig fraction.</p> <p>Purification: Peptide Immunogen Affinity Chromatography.</p> <p>Buffer System: PBS, pH 7.7 containing 0.01% Sodium Azide as preservative.</p>
Applications:	<p>Immunohistochemistry with Formalin Fixed Paraffin Embedded Tissues: 24-36 µg/ml.</p> <p>Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0, at 99-100°C for 20 min. Remove from heat and let stand at room temperature in buffer for 20 min. Rinse in 1x TBS with Tween (TBST) for 1 min. at room temperature.</p> <p>Recommended Positive Control : Human Kidney.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	Reacts to Adenosine A3 Receptor (family: GPCR, subfamily: Adenosine)
Species Reactivity:	Tested: Human.

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C to -70°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Pictures: SP4055P ADORA3 antibody staining of Formalin-Fixed, Paraffin-Embedded Human Kidney followed by biotinylated Goat anti-Rabbit IgG secondary antibody, Alkaline Phosphatase-Streptavidin and Chromogen.

