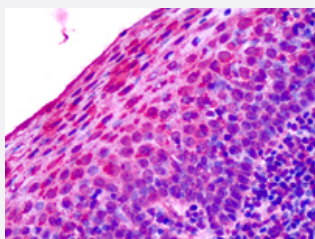


ADORA3 polyclonal antibody

Catalog # PAB28348

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human tonsil squamous epithelium with ADORA3 polyclonal antibody (Cat # PAB28348). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADORA3.
Immunogen	A synthetic peptide corresponding to 16 amino acids at cytoplasmic domain of human ADORA3.
Host	Rabbit
Reactivity	Dog, Horse, Human, Monkey, Pig
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (20-30 ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — ADORA3

Entrez GeneID [140](#)

Protein Accession# [P33765](#)

Gene Name ADORA3

Gene Alias A3AR, AD026, bA552M11.5

Gene Description adenosine A3 receptor

Omim ID [600445](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000013476|OTTHUMP00000013739|OTTHUMP00000082917

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asthma](#)
- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Mental Disorders](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Tobacco Use Disorder](#)
- [Urticaria](#)