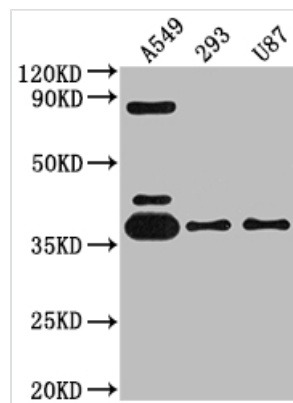




# ADORA1 Antibody

<b>Product Code</b>	CSB-RA224168A0HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P30542
<b>Immunogen</b>	A synthesized peptide derived from human ADORA1
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB, IHC; Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200
<b>Relevance</b>	Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase.
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Recombinant Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Neuroscience; Cancer; Cardiovascular; Cell biology; Immunology; Signal transduction
<b>Gene Names</b>	ADORA1
<b>Accession NO.</b>	10D12

## Image



### Western Blot

Positive WB detected in: A549 whole cell lysate, 293 whole cell lysate, U87 whole cell lysate

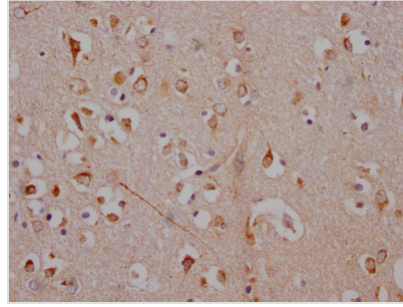
All lanes: ADORA1 antibody at 1:2000

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 37, 14 kDa

Observed band size: 37 kDa



IHC image of CSB-RA224168A0HU diluted at 1:100 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

## Description

The product CSB-RA224168A0HU is a recombinant ADORA1 monoclonal antibody. It was generated by transfecting the human ADORA1 monoclonal antibody gene-vector clones into the cell line for in vitro production and subsequent purification from the tissue culture supernatant (TCS) through affinity-chromatography. This ADORA1 antibody is a rabbit IgG and can react with human ADORA1 protein. And it has been tested for use in ELISA, WB, and IHC applications.

ADORA1 is an adenosine receptor that plays a key role in the immunomodulation of cancers. There is mounting evidence that ADORA1 overexpression that is dysregulated can induce a variety of tumors. ADORA1 expression was found to be substantially linked with tumor-infiltrating cells and immune biomarkers in thyroid papillary carcinoma (PTC) by Xu Lin *et al.*, suggesting that it can be used as a diagnostic and prognostic biomarker for PTC.