

DNAxPAb

Hard-to-Find
Antibody

ADA DNAxPab

Catalog # H00000100-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ADA DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAQTPAFDKPKVELHVHLDGSIKPETILYYGRRRGIALPANTAEGLLNVIGMDKPLTLPDFLAKFDY YMPAAGCREAIKRIAYEFVEMKAKEGVVYVEVRYSPHLLANSKVEPIPWNAEGDLTPDEVVALV GQGLQEGERDFGVKARSILCCMRHQPNWSPKVVELCKKYQQQTVVAIDLAGDETIPGSLLPGH VQAYQEAVKSGIHRTVHAGEVGSAEVVKEAVDILKTERLGHGHTLEDQALYNRLRQENMHFEIC PWSSYL TGAWKPDTEHAVIRLKNQANYSLNTDDPLIFKSTLDTDYQMTKRDMGFTEEEFKRLNIN AAKSSFLPEDEKRELLDLLYKAYGMPPSASAGQNL
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (86)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ADA

Entrez GeneID [100](#)

GeneBank Accession# [NM_000022.2](#)

Protein Accession# [NP_000013.2](#)

Gene Name ADA

Gene Alias -

Gene Description adenosine deaminase

Omim ID [102700 608958](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an enzyme that catalyzes the hydrolysis of adenosine to inosine. Various mutations have been described for this gene and have been linked to human diseases. Deficiency in this enzyme causes a form of severe combined immunodeficiency disease (SCID), in which there is dysfunction of both B and T lymphocytes with impaired cellular immunity and decreased production of immunoglobulins, whereas elevated levels of this enzyme have been associated with congenital hemolytic anemia. [provided by RefSeq]

Other Designations adenosine aminohydrolase

Pathway

- [Metabolic pathways](#)
- [Primary immunodeficiency](#)
- [Purine metabolism](#)

Disease

- [Alcoholism](#)

- [Arthritis](#)
- [Asthma](#)
- [Autistic Disorder](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fatigue](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hyperbilirubinemia](#)
- [Hyperemia](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Interview](#)
- [Lymphopenia](#)
- [Malaria](#)
- [Mental Disorders](#)
- [Mental Retardation](#)
- [Metabolic Syndrome X](#)
- [Microsatellite Instability](#)

- [Severe combined immunodeficiency](#)
- [Sleep Disorders](#)
- [Sleep Initiation and Maintenance Disorders](#)
- [Viremia](#)