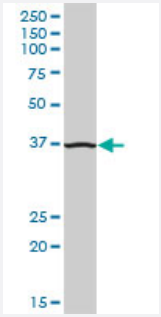
MaxPab®

ADA purified MaxPab mouse polyclonal antibody (B01P)

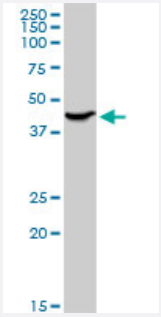
Catalog # H00000100-B01P Size 50 ug

Applications



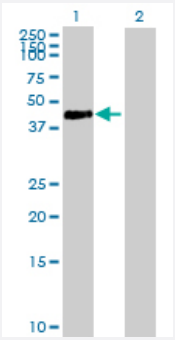
Western Blot (Tissue lysate)

ADA MaxPab polyclonal antibody. Western Blot analysis of ADA expression in human spleen.



Western Blot (Cell lysate)

ADA MaxPab polyclonal antibody. Western Blot analysis of ADA expression in Jurkat.



Western Blot (Transfected lysate)

Western Blot analysis of ADA expression in transfected 293T cell line (H00000100-T01) by ADA MaxPab polyclonal antibody.

Lane 1: ADA transfected lysate(39.93 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ADA protein.

Immunogen	ADA (NP_000013.2, 1 a.a. ~ 363 a.a) full-length human protein.
Sequence	MAQTPAFDKPKVELHVHLDGSIKPETILYYGRRRGIALPANTAEGLLNVIGMDKPLTLPDFLAKFDY YMPAIAGCREAIKRIAYEFVEMKAKEGVVYVEVRYSPHLLANSKVEPIPWNQAEGDLTPDEVVALV GQGLQEGERDFGVKARSILCCMRHQPNWSPKVVELCKKYQQQTVVAIDLAGDETIPGSSLLPGH VQAYQEAVKSGIHRTVHAGEVGSAEVVKEAVDILKTERLGHGYHTLEDQALYNRLRQENMHFEIC PWSSYLTGAWKPDTEHAVIRLKNDQANYSLNTDDPLIFKSTLDTDYQMTKRDMGFTEEEFKRLNIN AAKSSFLPEDEKRELLDLLYKAYGMPPSASAGQNL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (86)
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 (Tissue lysate)

  ADA MaxPab polyclonal antibody. Western Blot analysis of ADA expression in human spleen.

  Protocol Download

- Western Blot (Cell lysate)

  ADA MaxPab polyclonal antibody. Western Blot analysis of ADA expression in Jurkat.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of ADA expression in transfected 293T cell line (H00000100-T01) by ADA MaxPab polyclonal antibody.

  Lane 1: ADA transfected lysate(39.93 KDa).
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  Protocol Download

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