

Datasheet for ABIN7449944
anti-ADA antibody (AA 100-150)



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Overview

Quantity:	100 µg
Target:	ADA
Binding Specificity:	AA 100-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADA antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-ADA/Adenosine Deaminase Antibody, Affinity Purified
Immunogen:	Between AA 100 and 150
Isotype:	IgG
Predicted Reactivity:	Bovine
Purification:	Affinity Purified

Target Details

Target:	ADA
Alternative Name:	ADA/Adenosine Deaminase (ADA Products)
Background:	Background: The gene ADA encodes the enzyme adenosine deaminase which catalyzes the

Target Details

hydrolysis of adenosine to inosine. 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. Elevated levels of this enzyme have been associated with congenital hemolytic anemia [taken from NCBI Entrez Gene (Gene ID: 100)].

Gene ID: 100

UniProt: [P00813](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling, Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months