Datasheet for ABIN634435

anti-ADA antibody (N-Term)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	ADA
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	ADA antibody was raised using the N terminal of ADA corresponding to a region with amino acids AIAGCREAIKRIAYEFVEMKAKEGVVYVEVRYSPHLLANSKVEPIPWNQA
Specificity:	ADA antibody was raised against the N terminal of ADA
Purification:	Affinity purified

Target Details

Target:	ADA
Alternative Name:	ADA
Background:	ADA is 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

Target Details

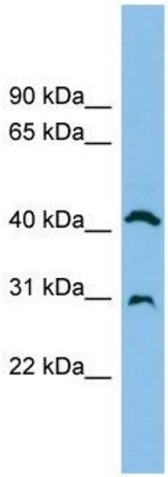
	dysfunction of both B and T lymphocytes with impaired cellular immunity and decreased production of immunoglobulins, whereas elevated levels of this enzyme have been associated with congenital hemolytic anemia.
Molecular Weight:	41 kDa (MW of target protein)
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	ADA Blocking Peptide, , is also available for use as a blocking control in assays to test for specificity of this ADA antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ADA antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. ADA antibody used at 1 ug/ml to detect target protein.