

Datasheet for ABIN5572654

anti-alpha Adaptin antibody (AA 3-14)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	alpha Adaptin (AP2A1)
Binding Specificity:	AA 3-14
Reactivity:	Human, Mouse, Rat, Dog, Chicken, Chimpanzee, Orang-Utan
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This alpha Adaptin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	Goat polyclonal antibody raised against synthetic peptide of AP2A1.
Immunogen:	A synthetic peptide corresponding to amino acids 3-14 of human AP2A1.
Cross-Reactivity:	Chicken, Chimpanzee, Dog, Human, Mouse, Orang-Utan, Rat
Characteristics:	Antibody Reactive Against Synthetic Peptide.

Target Details

Target:	alpha Adaptin (AP2A1)
Alternative Name:	AP2A1 (AP2A1 Products)
Background:	Full Gene Name: adaptor-related protein complex 2, alpha 1 subunit Synonyms: ADTAA,AP2-ALPHA,CLAPA1

Target Details

Gene ID:	160
Pathways:	Notch Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , EGFR Downregulation

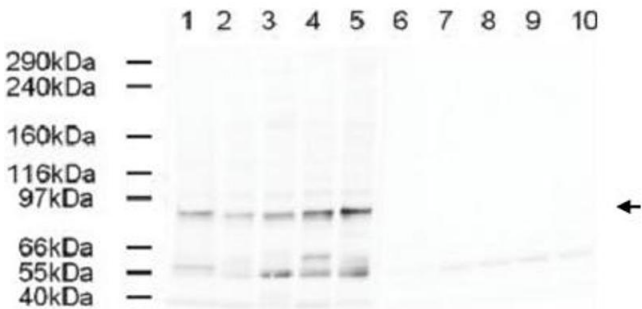
Application Details

Application Notes:	ELISA (1:5000-1:20000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01 % 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, -20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot using AP2A1 polyclonal antibody shows detection of a band just below 100 KDa corresponding to Human AP2A1 in a various preparations. Lane 1 - HeLa nuclear extract. Lane 2 - HeLa. Lane 3 - 293. Lane 4 - A-431. Lane 5 - Jurkat whole cell lysates. In lanes 6-10 the antibody was preincubated with 1 ug/mL of the immunizing peptide which effectively blocks the specific reactivity of this antibody with AP2A1. Approximately 20 ug of each lysate was run on a SDS-PAGE and transferred onto

nitrocellulose followed by reaction with a 1 : 500 dilution of AP2A1 polyclonal antibody. Detection occurred using a 1 : 5,000 dilution of HRP-labeled Rabbit anti-Goat IgG for 1 hour at room temperature. A chemiluminescence system was used for signal detection using a 60-sec exposure time.