

Datasheet for ABIN349624
anti-CYTIP antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CYTIP
Binding Specificity:	C-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYTIP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	This antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a region in the carboxy terminal portion of mouse Cybr. Immunogen Type: Peptide
Isotype:	IgG
Specificity:	This affinity purified antibody is directed against mouse Cybr. A BLAST analysis was used to suggest cross-reactivity with Cybr from mouse and rat based on a 100% homology with the immunizing sequence. Reactivity against homologues from other sources is not known.
Cross-Reactivity:	Rat (Rattus)
Characteristics:	This antibody is designed, produced, and validated as part of a collaboration with the National Cancer Institute (NCI) and is suitable for Cancer, Immunology and Nuclear Signaling research.

Product Details

Cybr (Pscdbp) is a new scaffold protein with significant homology to Tamalin. It contains a PDZ binding domain and a coiled-coil domain. Cybr is highly expressed in the immune system, and its expression seems to be common to nearly all immune cell populations (T cells, B cells, NK Macrophages, dendritic cells). Other organs/tissues in which Cybr is expressed include lung, kidney, intestine and testes. Cybr may play an important in vivo role in cell migration, especially when modulated by pro-inflammatory cytokines.

Purification: purified

Sterility: Sterile filtered

Target Details

Target: CYTIP

Alternative Name: Cybr ([CYTIP Products](#))

Background: This antibody is designed, produced, and is suitable for Cancer, Immunology and Nuclear Signaling research. Cybr (Pscdbp) is a new scaffold protein with significant homology to Tamalin. It contains a PDZ binding domain and a coiled-coil domain. Cybr is highly expressed in the immune system, and its expression seems to be common to nearly all immune cell populations (T cells, B cells, NK Macrophages, dendritic cells). Other organs/tissues in which Cybr is expressed include lung, kidney, intestine and testes. Cybr may play an important in vivo role in cell migration, especially when modulated by pro-inflammatory cytokines.

Synonyms: Cytohesin-interacting protein Cytohesin-binding protein HE Cbp Pleckstrin homology Sec7 and coiled-coil domains-binding protein Pscdbp

Gene ID: 227929, 21105855

UniProt: [Q91VY6](#)

Application Details

Application Notes: This antibody has been tested for use in ELISA, western blot, and immunoprecipitation. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 40 kDa in size corresponding to Cybr by western blotting in the appropriate cell lysate or extract. This antibody detects endogenous and over-expressed Cybr protein and is capable of immunoprecipitating the antigen from lysates.

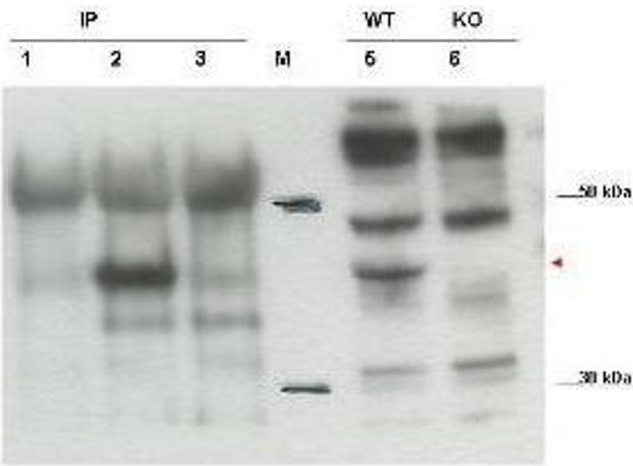
Comment: Gene Name: CYTIP

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	0.86 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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 vial at 4 °C prior to restoration. For extended storage aliquot contents and freeze at -20 °C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4 °C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is three (3) months from date of opening.
Expiry Date:	3 months

Images



Western Blotting

Image 1. Western blot using affinity purified anti-Cybr antibody shows detection of endogenous Cybr from mouse splenocytes using anti-Cybr antibody to immunoprecipitate and western blot (lanes 1-3). Lane 1 shows reactivity of pre-immune sera. Lane 2 shows endogenous Cybr detected with antibody. Lane 3 shows no band detected in lysates prepared from splenocytes of Cybr knock-out mouse. Lane 5 shows direct western blot of wt splenocytes. Lane 6 shows direct western blot of knock out mouse. Personal Communication, V. Coppola, NCI, Bethesda, MD.