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Datasheet for ABIN7467258  
**anti-Cytohesin 4 antibody (N-Term)**

### Overview

Quantity:	100 µL
Target:	Cytohesin 4 (CYTH4)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytohesin 4 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human PSCD4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	Cytohesin 4 (CYTH4)
Alternative Name:	cytohesin 4 ( <a href="#">CYTH4 Products</a> )
Background:	Cytohesin 4 , CYT4 , DJ63G5.1 , PSCD4 , cytohesin-4,The protein encoded by this gene is a

## Target Details

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member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. The encoded protein exhibits GEP activity in vitro with both ARF1 and ARF5 but is inactive with ARF6. The structures of this gene and CYTH1 are very similar. [provided by RefSeq]

Molecular Weight: 46 kDa

Gene ID: 27128

UniProt: [Q9UIA0](#)

## Application Details

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Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: PSCD4 transfected 293T cell

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.25 mg/mL

Buffer: 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.