

Datasheet for ABIN7264273

**anti-CEP55 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	CEP55
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEP55 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human CEP55 (NP_060601.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	CEP55
Alternative Name:	CEP55 ( <a href="#">CEP55 Products</a> )
Background:	<p>Centrosomal protein of 55 kDa is a protein that in humans is encoded by the CEP55 gene. CEP55 is a mitotic phosphoprotein that plays a key role in cytokinesis, the final stage of cell division.</p> <p>Interacts (phosphorylated on Ser-425 and Ser-428) with PLK1. Interacts with AKAP9, the interaction occurs in interphase and is lost upon mitotic entry. Interacts with PCNT, the</p>

## Target Details

interaction occurs in interphase and is lost upon mitotic entry. Interacts with PD CD6IP, the interaction is direct, CEP55 binds PD CD6IP in a 2:1 stoichiometry, PD CD6IP competes with TSG101 for the same binding site.

Molecular Weight: Observed\_MW: 60 kDa  
Calculated\_MW: 46 kDa/54 kDa

Gene ID: 55165

UniProt: [Q53EZ4](#)

## Application Details

Application Notes: WB 1:500-1:2000 IF 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

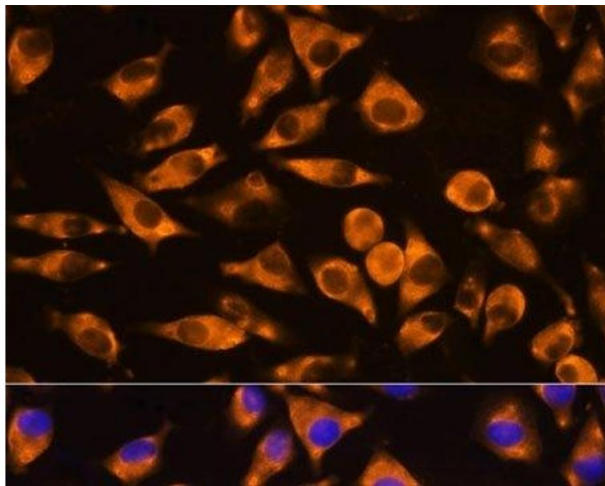
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

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

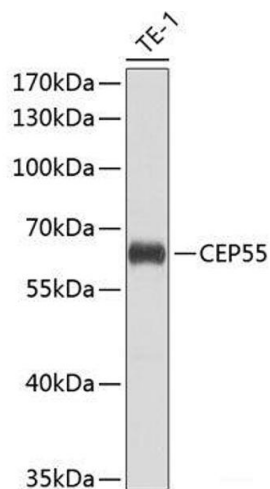
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of L929 cells using CEP55 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### Western Blotting

**Image 2.** Western blot analysis of extracts of THP-1 cells using CEP55 Polyclonal Antibody at dilution of 1:1000.