

Datasheet for ABIN6243846  
**anti-CASK antibody (AA 262-291)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	400 µL
Target:	CASK
Binding Specificity:	AA 262-291
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CASK antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This CASK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 262-291 amino acids from the Central region of human CASK.
Clone:	RB15769
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	CASK
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## Target Details

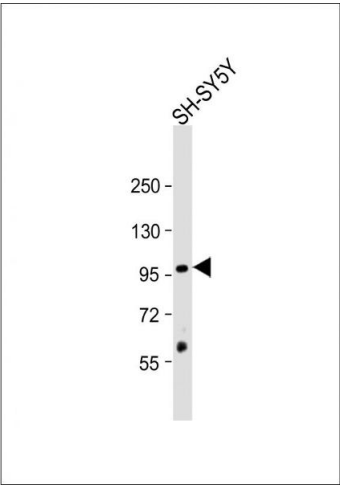
Alternative Name:	CASK ( <a href="#">CASK Products</a> )
Background:	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the $\gamma$ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The calcium/calmodulin-dependent kinase (CAMK) group consists of 75 kinases regulated by $\text{Ca}^{2+}$ /CaM and close relative family (CAMK, CAMKL, DAPK, MAPKAPK).
Molecular Weight:	105123
NCBI Accession:	<a href="#">NP_001119526</a> , <a href="#">NP_001119527</a> , <a href="#">NP_003679</a>
UniProt:	<a href="#">O14936</a>
Pathways:	<a href="#">Synaptic Vesicle Exocytosis</a>

## Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

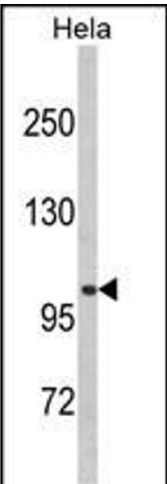
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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
Expiry Date:	6 months



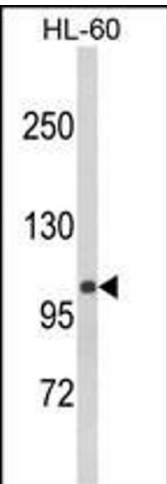
#### Western Blotting

**Image 1.** Anti-CASK (Center ) Antibody at 1:1000 dilution + SH-SY5Y whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 105 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



#### Western Blotting

**Image 2.** Western blot analysis of CASK (Center ) (ABIN6243846 and ABIN6578982) in HeLa cell line lysates (35 µg/lane).CASK (arrow) was detected using the purified Pab.



#### Western Blotting

**Image 3.** Western blot analysis of CASK (Center ) (ABIN6243846 and ABIN6578982) in HL-60 cell line lysates (35 µg/lane).CASK (arrow) was detected using the purified Pab.