

Datasheet for ABIN654468

**anti-CASC4 antibody (C-Term)**[Go to Product page](#)**2** Images

## Overview

Quantity:	400 µL
Target:	CASC4
Binding Specificity:	AA 336-365, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CASC4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This CASC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 336-365 amino acids from the C-terminal region of human CASC4.
Clone:	RB28633
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	CASC4
Alternative Name:	CASC4 ( <a href="#">CASC4 Products</a> )
Background:	The increased expression level of this gene is associated with HER-2/neu proto-oncogene

## Target Details

overexpression. Amplification and resulting overexpression of this proto-oncogene are found in approximately 30 % of human breast and 20 % of human ovarian cancers. Further characterization of the product of this gene may yield insight into the fundamental biology and pathogenetic effects of HER-2/neu overexpression in human breast and ovarian cancer cells. Alternatively spliced variants encoding different isoforms have been identified for this gene.

Molecular Weight: 49498

Gene ID: 113201

NCBI Accession: [NP\\_612432](#), [NP\\_816929](#)

UniProt: [Q6P4E1](#)

## Application Details

Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

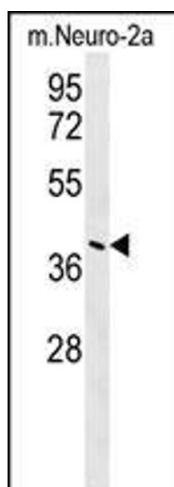
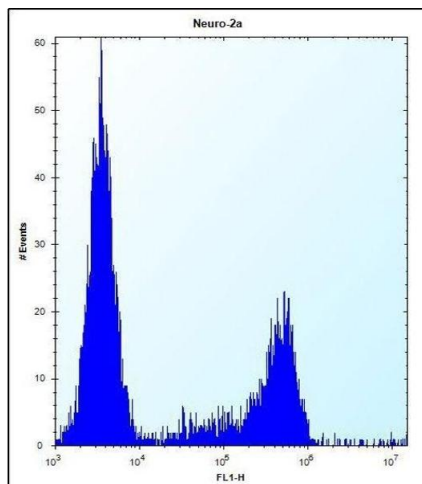
Preservative: Sodium azide

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

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



### Flow Cytometry

**Image 1.** CASC4 Antibody (C-term) (ABIN654468 and ABIN2844202) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** CASC4 Antibody (C-term) (ABIN654468 and ABIN2844202) western blot analysis in mouse Neuro-2a cell line lysates (35  $\mu$ g/lane). This demonstrates the CASC4 antibody detected the CASC4 protein (arrow).