

Datasheet for ABIN951049
anti-CASC4 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	0.4 mL
Target:	CASC4
Binding Specificity:	AA 343-373, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CASC4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 343-373 amino acids from the C-terminal region of human CASC4
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CASC4.
Cross-Reactivity (Details):	Species reactivity (tested): Human and Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	CASC4
Alternative Name:	CASC4 (CASC4 Products)

Target Details

Background: The increased expression level of this gene is associated with HER-2/neu proto-oncogene 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. Synonyms: Cancer susceptibility candidate gene 4 protein

Molecular Weight: 48864 Da

Gene ID: 113201

NCBI Accession: [NP_612432](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % (W/V) sodium azide

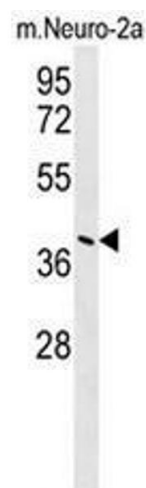
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. CASC4 Antibody (C-term) western blot analysis in mouse Neuro-2a cell line lysates (35µg/lane). This demonstrates the CASC4 antibody detected the CASC4 protein (arrow).