

Rabbit anti-Human, Mouse CASC4 Polyclonal Antibody | anti-CASC4 antibody

CASC4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289126	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

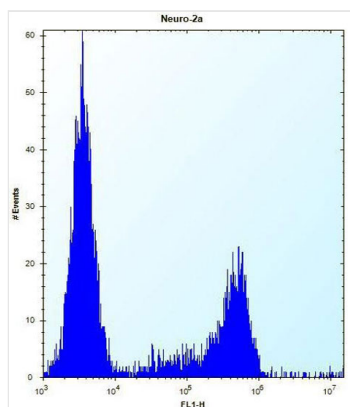
PRODUCT SYNONYMS

CASC4; Polyclonal Antibody; CASC4 Antibody (C-term); Protein CASC4; Cancer susceptibility candidate gene 4 protein; anti-CASC4 antibody

PRODUCT SPECIFICATIONS

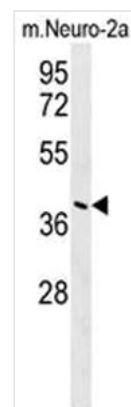
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CASC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 336-365 amino acids from the C-terminal region of human CASC4.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	415
Applicable Applications for anti-CASC4 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Region	336-365
Cellular Location	Membrane; Single-pass type II membrane protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

CASC4 Antibody (C-term) 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.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-CASC4 antibody	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.
Product Categories/Family for anti-CASC4 antibody	Cancer
References	Lamesch, P., et al. Genomics 89(3):307-315(2007) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Sato, T., et al. Onkologie 26(3):268-271(2003) Scheer, M., et al. Mund Kiefer Gesichtschir 7(3):138-145(2003) Oh, J.J., et al. Nucleic Acids Res. 27(20):4008-4017(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	29826289
NCBI GeneID	113201
NCBI Accession #	NP_612432.2; NP_816929.1
NCBI GenBank Nucleotide #	NM_138423.3
UniProt Accession #	Q6P4E1; Q6UY45; Q96EM1; B4DPZ6; G5E934
Molecular Weight	49498
NCBI Official Full Name	protein CASC4 isoform a
NCBI Official Synonym Full Names	cancer susceptibility candidate 4
NCBI Official Symbol	CASC4
NCBI Official Synonym Symbols	H63
NCBI Protein Information	protein CASC4
UniProt Protein Name	Protein CASC4
UniProt Gene Name	CASC4
UniProt Entry Name	CASC4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/casc4-antibody-flow-cytometry-western-blot-elisa/289126>