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CASC4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10511b

Product Information

Application	WB, FC, E
Primary Accession	Q6P4E1
Other Accession	Q6P2L7, NP_816929.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28633
Calculated MW	49498
Antigen Region	336-365

Additional Information

Gene ID	113201
Other Names	Protein CASC4, Cancer susceptibility candidate gene 4 protein, CASC4
Target/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.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CASC4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GOLM2 (HGNC:24892)
Synonyms	CASC4
Cellular Location	Membrane; Single-pass type II membrane protein

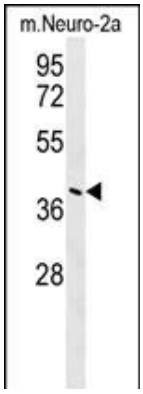
Background

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.

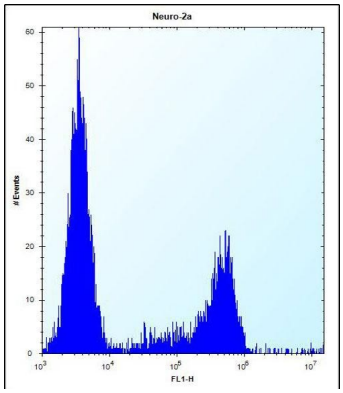
References

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)

Images



CASC4 Antibody (C-term) (Cat. #AP10511b) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the CASC4 antibody detected the CASC4 protein (arrow).



CASC4 Antibody (C-term) (Cat. #AP10511b) 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.