10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CASC4 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10511b

Specification

CASC4 Antibody (C-term) - Product Information

Application	**WB, FC,E**
Primary Accession	Q6P4E1
Other Accession	Q6P2L7, NP_816929.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**49498**
Antigen Region	**336-365**

CASC4 Antibody (C-term) - 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

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.

CASC4 Antibody (C-term) - Protein Information

Name GOLM2 (HGNC:24892)

Synonyms CASC4

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

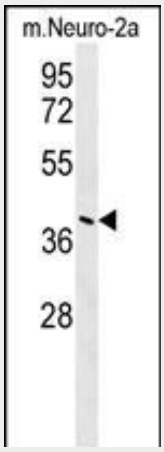
Cellular Location
Membrane; Single-pass type II membrane protein

CASC4 Antibody (C-term) - Protocols

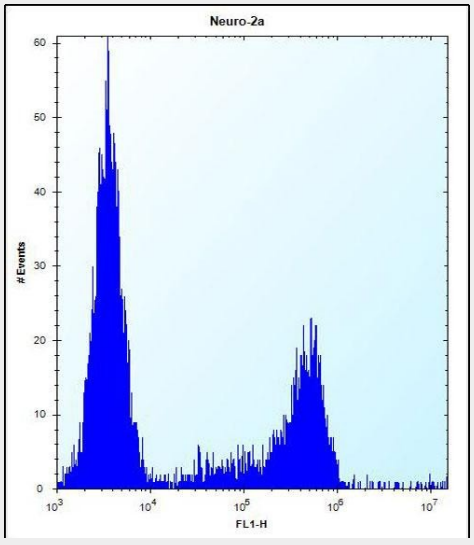
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CASC4 Antibody (C-term) - 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.

CASC4 Antibody (C-term) - 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.

CASC4 Antibody (C-term) - 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)