003216589045 (EU)

## C17orf67 Polyclonal Antibody

Cat \#: G-AB-04075

| Host: Rabbit | Reactivity: Human |
| :--- | :--- |
| Isotype: IgG | Clonality: Polyclonal |

## Overview:

C17orf67 (chromosome 17 open reading frame 67) is a 114 amino acid protein that is encoded by a gene mapping to human chromosome 17. Chromosome 17 makes up over $2.5 \%$ of the human genome with about 81 million bases encoding over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes. Chromosome 17 is also linked to neurofibromatosis, a condition characterized by neural and epidermal lesions, and dysregulated Schwann cell growth. Alexander disease, Birt-Hogg-Dube syndrome and Canavan disease are also associated with chromosome 17.

## Gene ID:

Accession \#: BC093905

Immunogen: Fusion protein of human C17orf67

Conjugation: Unconjugated

Swissprot: Q0P5P2

## Calculated Molecular Weight:

## Observed Molecular Weight:

Concentration: $0.7 \mathrm{mg} / \mathrm{mL}$

Buffer: PBS with 0.05\% NaN3 and 40\% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: IHC,ELISA
Dilution: IHC 1:40-1:200, ELISA 1:5000-1:10000

Storage: Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles.

