



Rabbit Anti-GADD45GIP1 antibody

SL6008R

Product Name GADD45GIP1

Chinese Name GADD45 γ 相互作用蛋白 1 抗体

Alias CKBBP2; CKII beta associating protein; CKII beta binding protein 2; CKII beta-associating protein; CR6 interacting factor 1; CR6-interacting factor 1; CRIF1; G45IP_HUMAN; Gadd45gip1; growth arrest and DNA damage inducible, gamma interacting protein 1; Growth arrest and DNA damage-inducible proteins-interacting protein 1; p53 responsive gene 6; p53 responsive gene 6 protein; p53-responsive gene 6 protein; Papillomavirus L2 interacting nuclear protein 1; Papillomavirus L2-interacting nuclear protein 1; PLINP 1; PLINP-1; PLINP1; PRG6.

Research Area Cell biology immunology Chromatin and nuclear signals Cyclin

Immunogen Species Rabbit

Clonality Polyclonal

React Species Human(predicted:Mouse,Rat)

Applications IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 24kDa

Cellular localization The nucleus

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human GADD45GIP1: 121-222/222

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

[PubMed](#)

Acts as a negative regulator of G1 to S cell cycle phase progression by inhibiting cyclin-dependent kinases. Inhibitory effects are additive with GADD45 proteins but occurs also in the absence of GADD45 proteins. Acts as a repressor of the orphan nuclear receptor NR4A1 by inhibiting AB domain-mediated transcriptional activity. May be involved in the hormone-mediated regulation of NR4A1 transcriptional activity.

Function:

Acts as a negative regulator of G1 to S cell cycle phase progression by inhibiting cyclin-dependent kinases. Inhibitory effects are additive with GADD45 proteins but occurs also in the absence of GADD45 proteins. Acts as a repressor of the orphan nuclear receptor NR4A1 by inhibiting AB domain-mediated transcriptional activity. May be involved in the hormone-mediated regulation of NR4A1 transcriptional activity.

Subunit:

Interacts with GADD45A, GADD45B and GADD45G. Interacts with NR4A1 via the NR4A1 AB domain. Interacts with the human papilloma virus type 16 (HPV 16) minor capsid protein L2.

**Product
Detail**

Subcellular Location:

Nucleus.

Tissue Specificity:

Widely expressed. Highly expressed in the thyroid gland, heart, lymph nodes, trachea and adrenal tissues. Expressed at lower level in liver skeletal muscle, kidney, pancreas, testis, ovary and stomach. Barely detectable in adrenal adenoma and papillary thyroid cancer.

SWISS:

Q8TAE8

Gene ID:

90480

Database links:

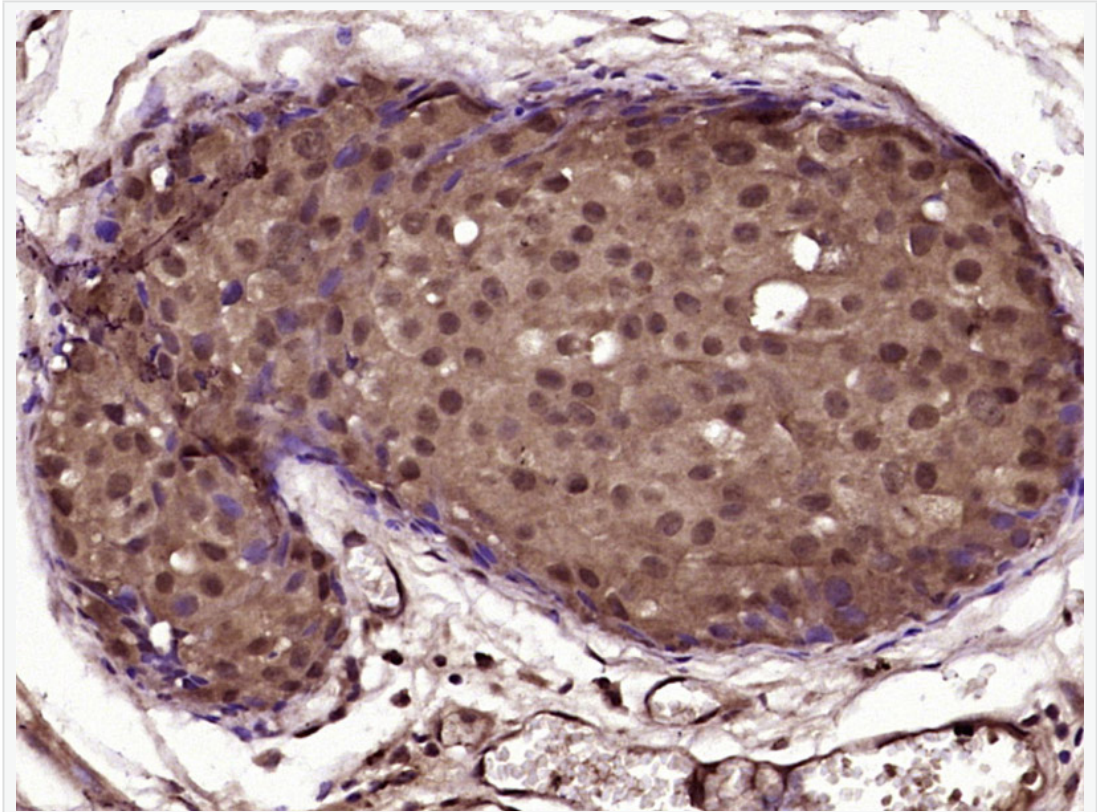
[Entrez Gene: 90480](#) Human

[Omim: 605162](#) Human

[SwissProt: Q8TAE8](#) Human

[Unigene: 515164](#) Human

**Product
Picture**



Paraformaldehyde-fixed, paraffin embedded (Human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GADD45GIP1) Polyclonal Antibody, Unconjugated (SL6008R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.