

Product datasheet

Anti-GADD45GIP1 antibody ab88769

2 Images

Overview

Product name	Anti-GADD45GIP1 antibody
Description	Mouse polyclonal to GADD45GIP1
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length protein, corresponding to amino acids 1-222 of Human GADD45GIP1 (NP_443082).
Positive control	A431 lysate, transfected 293T cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 1X PBS, pH 7.2
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab88769** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 25 kDa.

Target

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.

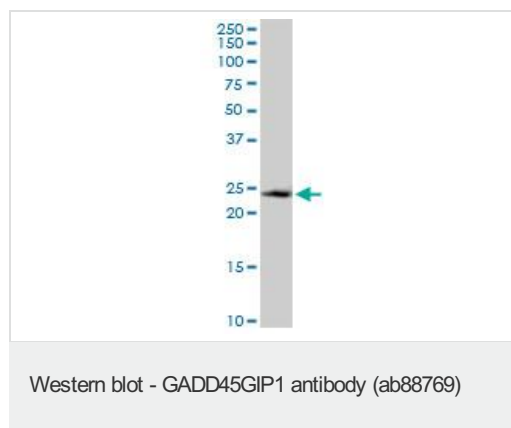
Tissue specificity

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.

Cellular localization

Nucleus.

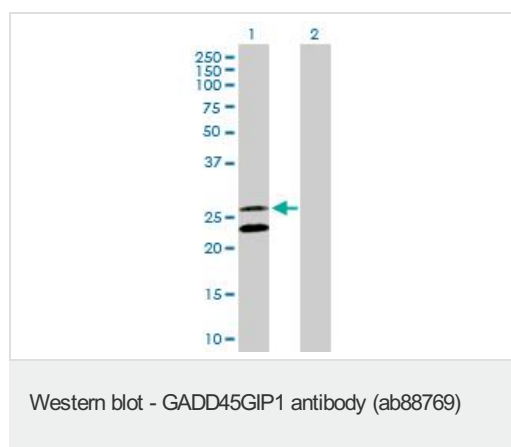
Images



Anti-GADD45GIP1 antibody (ab88769) at 1 µg + A431 cell lysate at 50 µg

Predicted band size : 25 kDa

Observed band size : 25 kDa



All lanes : Anti-GADD45GIP1 antibody (ab88769) at 1 µg/ml

Lane 1 : transfected 293T lysate

Lane 2 : non transfected 293T lysate

Lysates/proteins at 25 µg per lane.

Predicted band size : 25 kDa

Observed band size : 23 kDa

Additional bands at : 27 kDa. We are unsure as to the identity of these extra bands.

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