

订购热线: 4008-898-798

# Anti-GADD45A antibody

**Cat. No.** ml222400

Package 25  $\mu$ l/100  $\mu$ l/200  $\mu$ l

**Storage** -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Product overview** 

**Description** Anti-GADD45A rabbit polyclonal antibody

Applications ELISA, IHC

**Immunogen** Fusion protein of human GADD45A

Reactivity Human, Mouse, Rat

Content 0.5 mg/ml Host species Rabbit

Ig classImmunogen-specific rabbit IgGPurificationAntigen affinity purification

**Target information** 

Symbol GADD45A

Full name growth arrest and DNA-damage-inducible, alpha

Synonyms DDIT1; GADD45

Swissprot P24522

### **Target Background**

This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The protein encoded by this gene responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. The DNA damage-induced transcription of this gene is mediated by both p53-dependent and -independent mechanisms. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.



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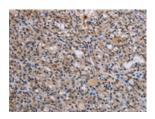
### **Applications**

## **Immunohistochemistry**

Predicted cell location: Nucleus

Positive control: Human thyroid cancer

Recommended dilution: 25-100



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml222400(GADD45A Antibody) at dilution 1/30. (Original magnification: ×200)

#### **ELISA**

Recommended dilution: 1000-2000

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