

Product datasheet for **TA364810S**

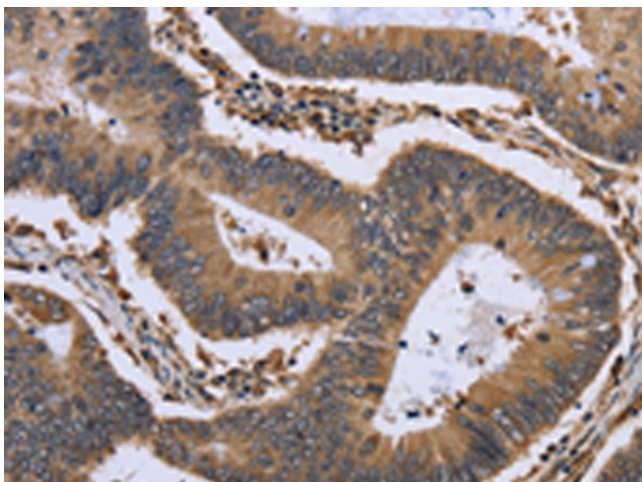
GADD45B Rabbit Polyclonal Antibody

Product data:

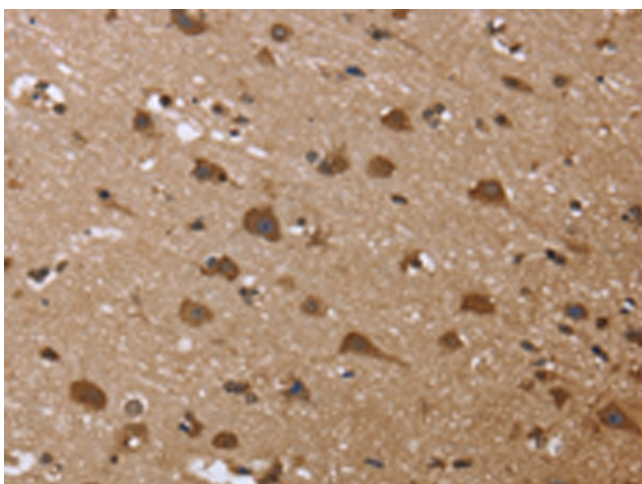
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|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC |
| Recommended Dilution: | IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein of human GADD45B |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. |
| Stability: | 1 year |
| Gene Name: | growth arrest and DNA damage inducible beta |
| Database Link: | Entrez Gene 4616 Human O75293 |
| 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 genes in this group respond to environmental stresses by mediating activation of the p38/JNK pathway. This activation is mediated via their proteins binding and activating MTK1/MEKK4 kinase, which is an upstream activator of both p38 and JNK MAPKs. The function of these genes or their protein products is involved in the regulation of growth and apoptosis. These genes are regulated by different mechanisms, but they are often coordinately expressed and can function cooperatively in inhibiting cell growth. |
| Synonyms: | DKFZp566B133; GADD45BETA; MYD118 |



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Product images:

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA364810] (GADD45B Antibody) at dilution 1/30. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA364810] (GADD45B Antibody) at dilution 1/30. (Original magnification: ×200)