

# Product datasheet for TA380245S

## GADD34 (PPP1R15A) Rabbit Polyclonal Antibody

## **Product data:**

#### **Product Type: Primary Antibodies Applications:** ELISA, ICC/IF, WB Recommended Dilution: WB.1:500 - 1:2000 IF/ICC,1:50 - 1:200 ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. **Reactivity:** Human, Mouse, Rat Host: Rabbit Isotype: lgG **Clonality:** Polyclonal Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. **Concentration:** lot specific **Purification:** Affinity purification **Conjugation:** Unconjugated Storage: Store at -20°C. Avoid freeze / thaw cycles. Stability: Shelf life: one year from despatch. Predicted Protein Size: 73kDa Gene Name: protein phosphatase 1 regulatory subunit 15A Entrez Gene 23645 Human Database Link: 075807 **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 induction of this gene by ionizing radiation occurs in certain cell lines regardless of p53 status, and its protein response is correlated with apoptosis following ionizing radiation. Synonyms: GADD34



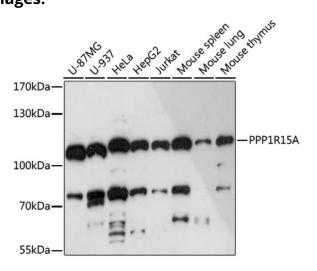
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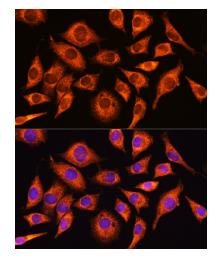
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### **Product images:**



Western blot analysis of various lysates using PPP1R15A Rabbit pAb ([TA380245]) at 1:3000 dilution.

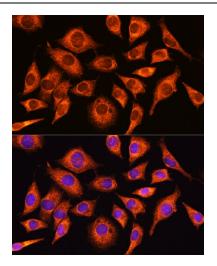
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence analysis of H9C2 cells using PPP1R15A Rabbit pAb ([TA380245]) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

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Immunofluorescence analysis of L929 cells using PPP1R15A Rabbit pAb ([TA380245]) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

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