

Product datasheet for **TA350357**

ROC2 (RNF7) Rabbit Polyclonal Antibody

Product data:

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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | ELISA: 1000-2000, WB: 200-1000, IHC: 10-50 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Fusion protein of human RNF7 |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Concentration: | lot specific |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 13 kDa |
| Gene Name: | ring finger protein 7 |
| Database Link: | NP_055060 Entrez Gene 19823 Mouse Entrez Gene 9616 Human Q9UBF6 |

Background: The protein encoded by this gene is a highly conserved ring finger protein. It is an essential subunit of SKP1-cullin/CDC53-F box protein ubiquitin ligases, which are a part of the protein degradation machinery important for cell cycle progression and signal transduction. This protein interacts with, and is a substrate of, casein kinase II (CSNK2A1/CKII). The phosphorylation of this protein by CSNK2A1 has been shown to promote the degradation of I κ B α (CHUK/IKK- α /IKBKA) and p27Kip1(CDKN1B).

Synonyms: CKBBP1; ROC2; SAG

Protein Families: Druggable Genome



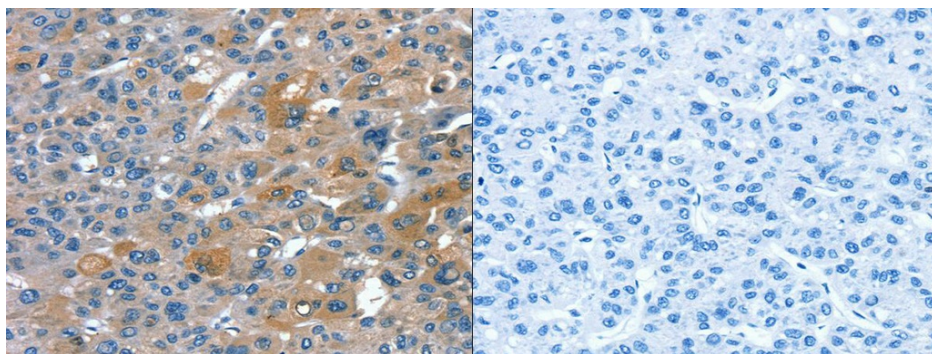
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Protein Pathways: Ubiquitin mediated proteolysis

Product images:



Gel: 12%SDS-PAGE, Lysate: 40 ug, Lane: Mouse liver tissue, Primary antibody: (RNF7 Antibody) at dilution 1/250, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 minutes



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using (RNF7 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: $\times 200$)