**OriGene Technologies, Inc.**
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https://www.origene.com
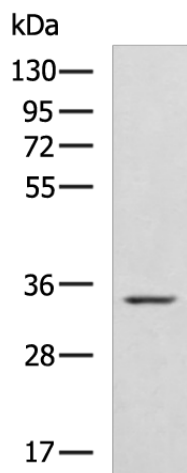techsupport@origene.com
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# Product datasheet for TA365171

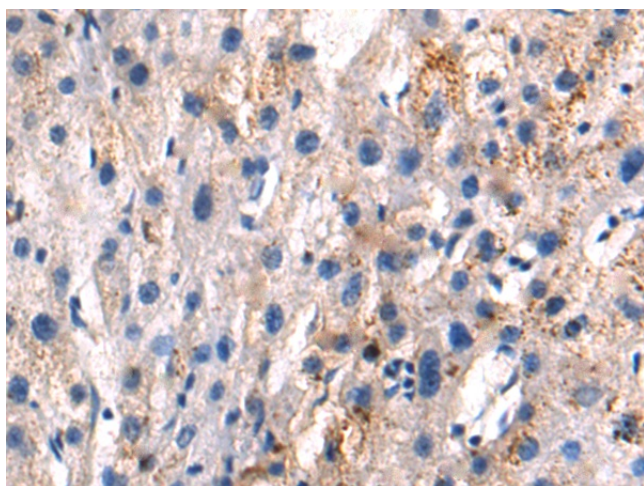## ZFAND1 Rabbit Polyclonal Antibody

## Product data:

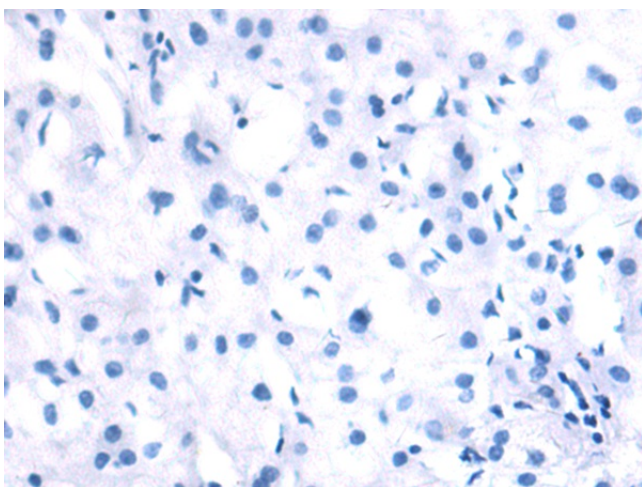| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IHC, WB |
| **Recommended Dilution:** | WB: 500-2000<br>WB positive control: Mouse brain tissue lysate<br>IHC: 50-200<br>Positive control: Human liver cancer<br>Predicted cell location: Cytoplasm |
| **Reactivity:** | Human, Mouse |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | Fusion protein of human ZFAND1 |
| **Formulation:** | pH7.4 PBS, 0.05% NaN3, 40% Glycerol |
| **Concentration:** | lot specific |
| **Purification:** | Antigen affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C. |
| **Stability:** | 1 year |
| **Predicted Protein Size:** | 31 kDa |
| **Gene Name:** | zinc finger AN1-type containing 1 |
| **Database Link:** | Entrez Gene 79752 Human<br>Q8TCF1 |
| **Background:** | Plays a role in the regulation of cytoplasmic stress granules (SGs) turnover. SGs are dynamic and transient cytoplasmic ribonucleoprotein assemblies important for cellular protein homeostasis when protein production is suspended after acute exogenous stress. Associates with SGs and is involved in the efficient and specific arsenite-induced clearance process of SGs through the recruitment of the ubiquitin-selective ATPase VCP and the 26S proteasome. |
| **Synonyms:** | FLJ14007 |

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## Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μg
Lane: Mouse brain tissue lysate
Primary antibody: TA365171 (ZFAND1 Antibody)
at dilution 1/1200
Secondary antibody: Goat anti rabbit IgG at
1/5000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded
Human liver cancer tissue using TA365171
(ZFAND1 Antibody) at dilution 1/80 (Original
magnification: ×200)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA365171 (ZFAND1 Antibody) at dilution 1/80, treated with fusion protein. (Original magnification: ×200)