

Product datasheet for **TA370288S**

RNF111 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies
Applications: IHC
Recommended Dilution: IHC: 50-300
Positive control: Human gastric cancer
Predicted cell location: Cytoplasm and Cell membrane

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: Fusion protein of human RNF111

Formulation: pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

Purification: Antigen affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C.

Stability: 1 year

Gene Name: ring finger protein 111

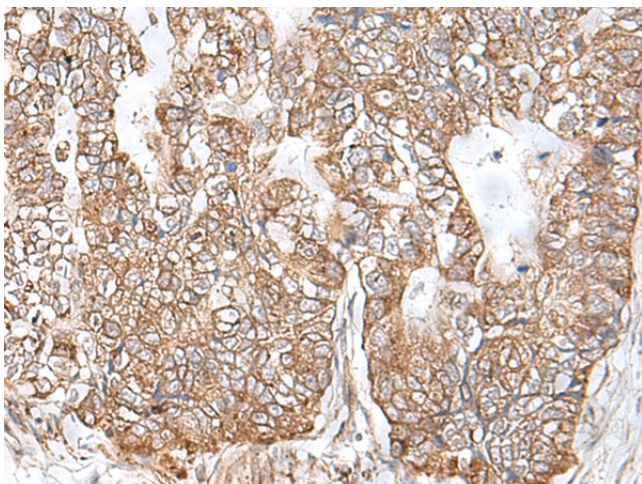
Database Link: [Entrez Gene 54778 Human](#)
[Q6ZNA4](#)

Background: The protein encoded by this gene is a nuclear RING-domain containing E3 ubiquitin ligase. This protein interacts with the transforming growth factor (TGF) -beta/NODAL signaling pathway by promoting the ubiquitination and proteosomal degradation of negative regulators, like SMAD proteins, and thereby enhances TGF-beta target-gene transcription. As a modulator of the nodal signaling cascade, this gene plays a critical role in the induction of mesoderm during embryonic development. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.

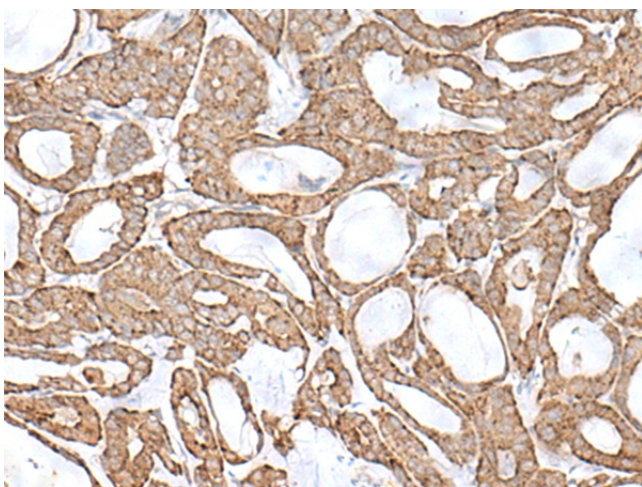
Synonyms: ARK; Arkadia; DKFZp313E0731; DKFZp686H1966; DKFZp761D081; FLJ38008



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Product images:

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA370288] (RNF111 Antibody) at dilution 1/50. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA370288] (RNF111 Antibody) at dilution 1/50. (Original magnification: ×200)