

Product datasheet for **TA365941**

RNF111 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: TM4 cell lysate IHC: 50-300 Positive control: Human gastric cancer Predicted cell location: Cytoplasm and Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human RNF111
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	109 kDa
Gene Name:	ring finger protein 111
Database Link:	Entrez Gene 54778 Human Q6ZNA4

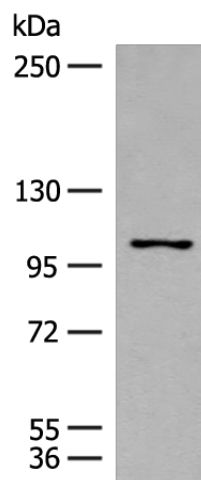
[View online »](#)

Background:

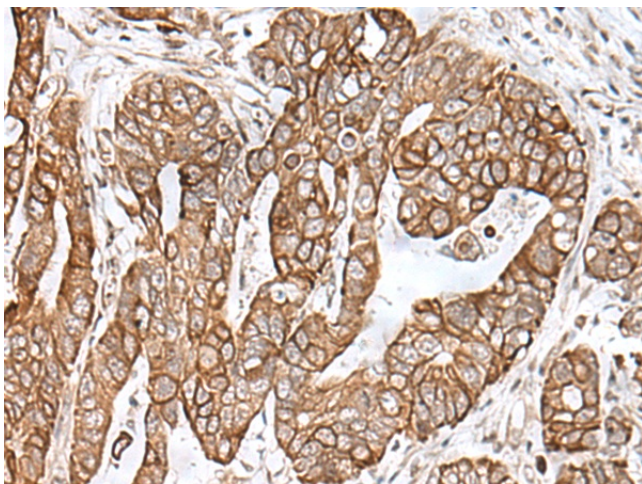
The protein encoded by this gene is a nuclear RING-domain containing E3 ubiquitin ligase. This protein interacts with the transforming growth factor (TGF) -beta/NODAL signaling pathway by promoting the ubiquitination and proteosomal degradation of negative regulators, like SMAD proteins, and thereby 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

Product images:


Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane: TM4 cell lysate
Primary antibody: TA365941 (RNF111 Antibody)
at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded
Human gastric cancer tissue using TA365941
(RNF111 Antibody) at dilution 1/50. (Original
magnification: ×200)