

## Product datasheet for **TA350592S**

### USP47 Rabbit Polyclonal Antibody

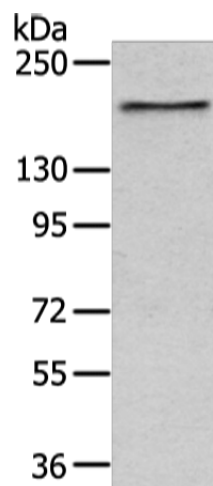
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: A172 cell IHC: 25-100 Positive control: Human breast cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human USP47
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
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:	157 kDa
Gene Name:	ubiquitin specific peptidase 47
Database Link:	<a href="#">NP_060414</a> <a href="#">Entrez Gene 74996 Mouse</a> <a href="#">Entrez Gene 55031 Human</a> <a href="#">Q96K76</a>
Background:	Ubiquitin carboxyl-terminal hydrolase 47 is an enzyme that in humans is encoded by the USP47 gene. Ubiquitin-specific protease that specifically deubiquitinates monoubiquitinated DNA polymerase beta (POLB), stabilizing POLB thereby playing a role in base-excision repair (BER). Acts as a regulator of cell growth and genome integrity. May also indirectly regulates CDC25A expression at a transcriptional level.
Synonyms:	TRFP

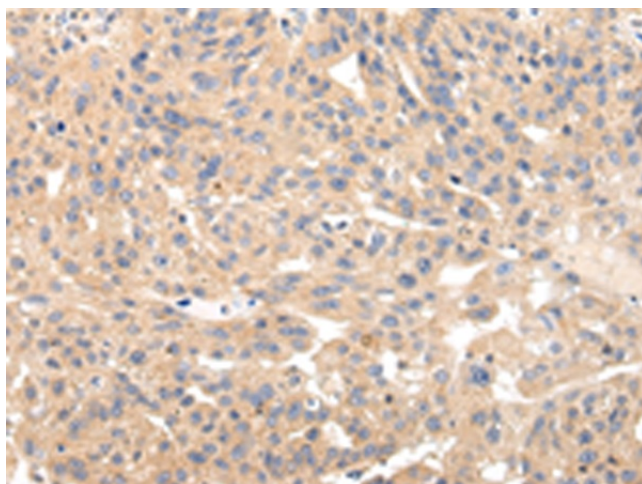


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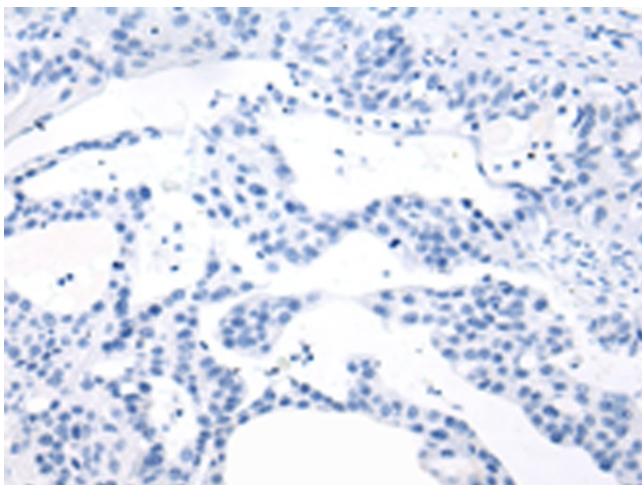
## Product images:



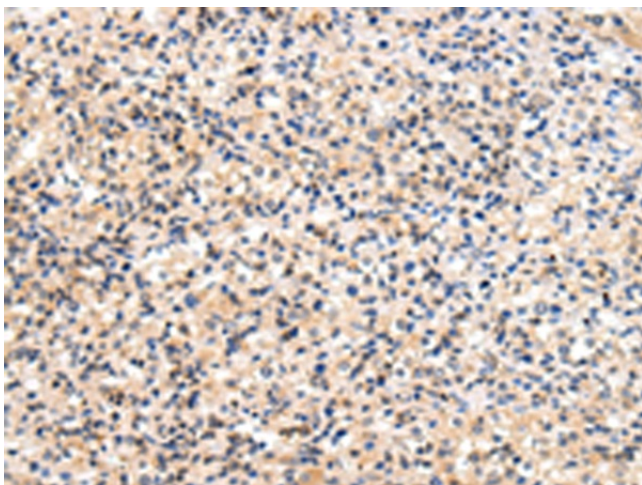
Gel: 6%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: A172 cell  
Primary antibody: [TA350592] (USP47 Antibody) at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 30 seconds



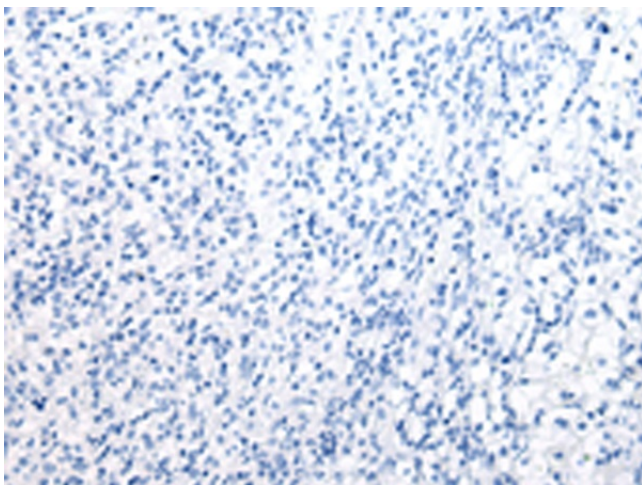
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA350592] (USP47 Antibody) at dilution 1/20 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA350592] (USP47 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA350592] (USP47 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA350592] (USP47 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )