

USP47 Antibody

Catalog No: #43345

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

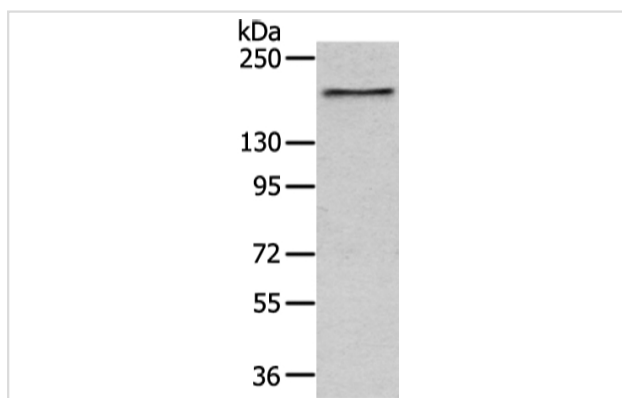
Product Name	USP47 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total USP47 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human USP47
Target Name	USP47
Other Names	TRFP
Accession No.	Swiss-Prot#: Q96K76Gene ID: 55031
Uniprot	Q96K76
GeneID	55031;
Calculated MW	157kd
Concentration	2.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

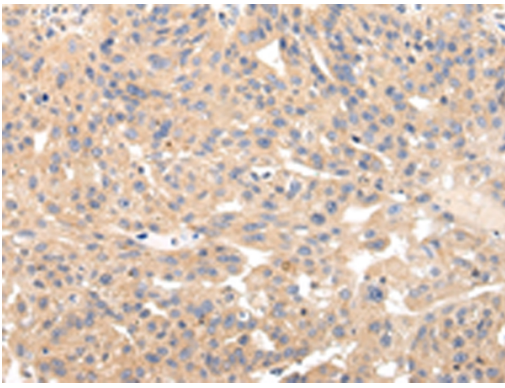
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:20-1:100

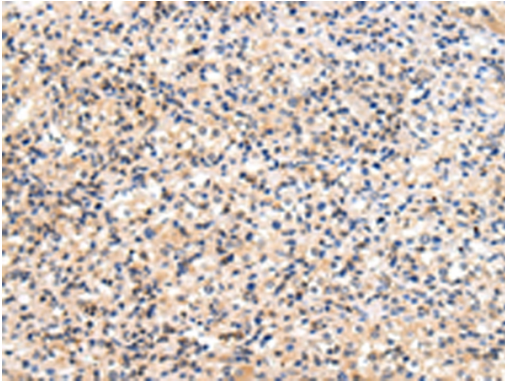
Images



Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane: A172 cell
Primary antibody: 1/400 dilution
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #43345 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #43345 at dilution 1/20.

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 regulate CDC25A expression at a transcriptional level.

Note: This product is for in vitro research use only