

Product datasheet for **TA351491**

PARP4 Rabbit Polyclonal Antibody

Product data:

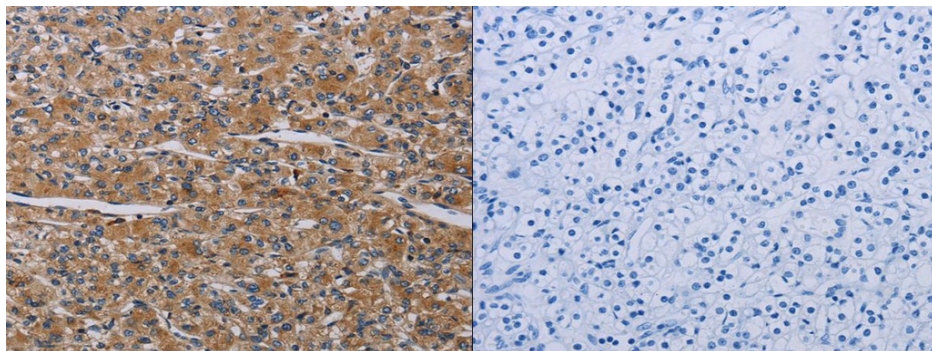
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PARP4
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	poly(ADP-ribose) polymerase family member 4
Database Link:	NP_006428 Entrez Gene 143 Human Q9UJK3
Background:	This gene encodes poly(ADP-ribosyl)transferase-like 1 protein, which is capable of catalyzing a poly(ADP-ribosyl)ation reaction. This protein has a catalytic domain which is homologous to that of poly (ADP-ribosyl) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribosyl) transferase. Since this protein is not capable of binding DNA directly, its transferase activity may be activated by other factors such as protein-protein interaction mediated by the extensive carboxyl terminus.
Synonyms:	ADPRTL1; ARTD4; p193; PARP-4; PARPL; PH5P; VAULT3; VPARP; VWA5C
Protein Families:	Druggable Genome



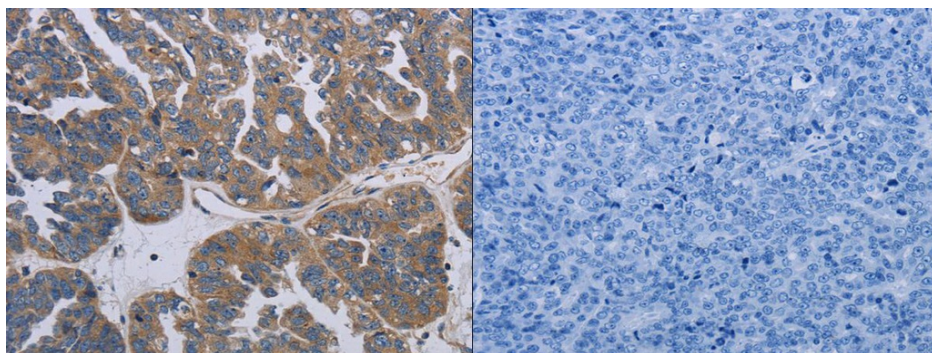
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Protein Pathways: Base excision repair

Product images:



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using (PARP4 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using (PARP4 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)