

Rabbit anti-Human, Mouse PARP4 Polyclonal Antibody | anti-PARP4 antibody

PARP4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323406	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

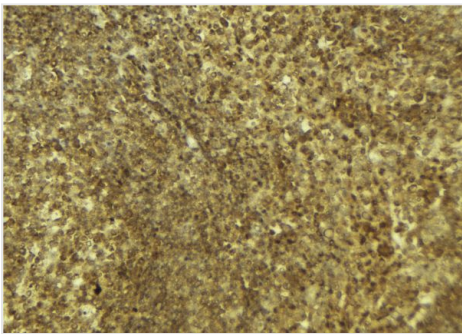
PRODUCT SYNONYMS

PARP4; Polyclonal Antibody; PARP4 Antibody; 193kDa vault protein; ADP ribosyltransferase (NAD⁺ poly (ADP ribose) polymerase) like 1; ADP ribosyltransferase like 1; ADP-ribosyltransferase diphtheria toxin-like 4; ADPRT L1; ADPRTL 1; ADPRTL1; ARTD4; H5 proline rich; I alpha I related; KIAA0177; Minor vault p193 protein; OTTHUMP00000042288; p193; PARP 4; PARP related/lalphal related H5/proline rich; PARP related; PARPL; PH 5P; PH5P; Poly (ADP ribose) polymerase 4; Poly (ADP ribose) polymerase family member 4; Poly (ADP ribose) synthetase; Poly (ADP ribosyl) transferase like 1; Poly ADP ribose polymerase 4; Poly ADP ribose polymerase family member 4; Vault 3; Vault; Vault poly (ADP ribose) polymerase; Vault poly ADP ribose polymerase; Vault protein 193 kDa; Vault3; von Willebrand factor A domain containing 5C; VPARP; VWA5C; anti-PARP4 antibody

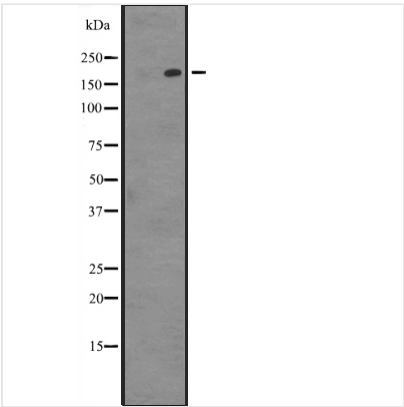
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PARP4 antibody detects endogenous levels of total PARP4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1724
Applicable Applications for anti-PARP4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus; Cytoskeleton
Tissue Specificity	Widely expressed; the highest levels are in the kidney; also detected in heart, placenta, lung, liver, skeletal muscle, spleen, leukocytes and pancreas.
Conjugation	Unconjugated

IMAGES



IHC (Immunohistochemistry)
AAA323406 at 1/100 staining Mouse pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of PARP4 expression in HeLa cell lysate, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PARP4 antibody	Function: NAD+ + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)(n+1)-acceptor. Subunit Structure: Component of the vault ribonucleoprotein particle, at least composed of MVP, PARP4 and one or more vault RNAs (vRNAs). Binds to MVP. Associates with TEP1.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	112789550
NCBI GeneID	143
NCBI Accession #	NP_006428.2
NCBI GenBank Nucleotide #	NM_006437.3
UniProt Accession #	Q9UUK3; O75903; Q14682; Q5QNZ9; Q9H1M6
Molecular Weight	Observed: 193 kDa Predicted: 193 kDa
NCBI Official Full Name	poly
NCBI Official Synonym Full Names	poly(ADP-ribose) polymerase family member 4
NCBI Official Symbol	PARP4
NCBI Official Synonym Symbols	PH5P; p193; ARTD4; PARPL; VPARP; VWA5C; PARP-4; VAULT3; ADPRTL1
NCBI Protein Information	poly [ADP-ribose] polymerase 4
UniProt Protein Name	Poly [ADP-ribose] polymerase 4
UniProt Gene Name	PARP4
UniProt Synonym Gene Names	ADPRTL1; KIAA0177; PARPL; PARP-4; ARTD4; PH5P; VPARP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.