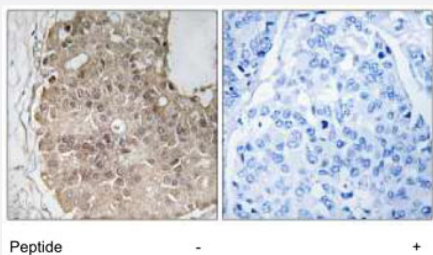


PARP4 polyclonal antibody

Catalog # PAB18062 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PARP4 polyclonal antibody (Cat # PAB18062).

Peptide "+" means "with peptide blocking".

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of PARP4.

Immunogen A synthetic peptide corresponding to human PARP4.

Host Rabbit

Reactivity Human

Specificity This antibody is specific to PARP4.

Form Liquid

Recommend Usage Immunohistochemistry (1:50~1:100)
IELISA (1:10000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PARP4 polyclonal antibody (Cat # PAB18062).

Peptide "+" means "with peptide blocking".

- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay

Gene Info — PARP4

Entrez GeneID	143
Protein Accession#	Q9UKK3
Gene Name	PARP4
Gene Alias	ADPRTL1, PARPL, PH5P, VAULT3, VPARP, VWA5C, p193
Gene Description	poly (ADP-ribose) polymerase family, member 4
Omim ID	607519
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase)-like 1 H5 proline-rich -alpha-l-related OTTHUMP00000018130 OTTHUMP00000042288 PARP-related poly(ADP-ribose) synthetase poly(ADP-ribosyl)transferase-like 1 vault protein, 193-kDa von Willebrand f

Publication Reference

- [The DNA sequence and analysis of human chromosome 13.](#)

Dunham A, Matthews LH, Burton J, Ashurst JL, Howe KL, Ashcroft KJ, Beare DM, Burford DC, Hunt SE, Griffiths-Jones S, Jones MC, Keenan SJ, Oliver K, Scott CE, Ainscough R, Almeida JP, Ambrose KD, Andrews DT, Ashwell RI, Babbage AK, Bagguley CL, Bailey J, Bannerjee R, Barlow KF, Bates K, Beasley H, Bird CP, Bray-Allen S, Brown AJ, Brown JY, Burrill W, Carder C, Carter NP, Chapman JC, Clamp ME, Clark SY, Clarke G, Clee CM, Clegg SC, Cobley V, Collins JE, Corby N, Coville GJ, Deloukas P, Dhami P, Du

Nature 2004 Apr; 428(6982):522.

- [Identification of a novel gene \(ADPRTL1\) encoding a potential Poly\(ADP-ribosyl\)transferase protein.](#)

Still IH, Vince P, Cowell JK.

Genomics 1999 Dec; 62(3):533.

- [The 193-kD vault protein, VPARP, is a novel poly\(ADP-ribose\) polymerase.](#)

Kickhoefer VA, Siva AC, Kedersha NL, Inman EM, Ruland C, Streuli M, Rome LH.

The Journal of Cell Biology 1999 Sep; 146(5):917.

Application: IF, WB-Ce, Human, HeLa cells, Human foreskin fibroblasts

Pathway

- [Base excision repair](#)

Disease

- [Ataxia telangiectasia](#)
- [Colorectal Neoplasms](#)
- [DNA Damage](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)