

## PARP16 Antibody HRP Conjugated

Catalog No: #C08089H

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## Description

Product Name	PARP16 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human PARP16
Conjugates	HRP
Target Name	PARP16
Other Names	C15orf30; Chromosome 15 open reading frame 30; EC 2.4.2.30; FLJ25281; PAR16_HUMAN; PARP 16; PARP-16; Parp16; Poly ADP ribose polymerase family member 16; Poly [ADP ribose] polymerase 16; Poly [ADP-ribose] polymerase 16.
Accession No.	NCBI Gene ID54956
Uniprot	Q8N5Y8
GeneID	54956;
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

## Background

Poly(ADP-ribosylation) is a method of DNA damage-dependent posttranslational modification that helps to rescue injured proliferating cells from cell death. The PARP (poly(ADP-ribose) polymerase) proteins comprise a superfamily of enzymes that functionally modify histones and other nuclear proteins, thereby preventing cell death. PARPs use NAD<sup>+</sup> as a substrate to catalytically transfer ADP-ribose residues onto protein acceptors; a process that, when repeated multiple times, leads to the formation of poly(ADPribose) chains on the protein. The presence of these chains alters the function of the target protein and promotes cell survival. PARP proteins are implicated in a variety of diseases, including cancer, neurodegenerative and inflammatory disorders. PARP-16 is a 322 amino acid poly (ADP-ribose) polymerase protein localized to the membrane. Expressed as three isoforms produced by alternative splicing, PARP-16 contains one PARP catalytic domain.

Note: This product is for in vitro research use only