

PAR10 Rabbit pAb

CatalogNo: YN2135

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 112kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein AA range:20-70

Specificity

PAR10 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

PARP10

Protein Name	Poly [ADP-ribose] polymerase 10 (PARP-10) (ADP-ribosyltransferase diphtheria toxin-like 10) (ARTD10)		
	Organism	Gene ID	UniProt ID
	Human	84875 ;	Q53GL7 ;
Cellular Localization	Nucleus, nucleolus . Cytoplasm . Shuttles between the nuclear and cytoplasmic compartment (PubMed:15674325). A subpopulation concentrates in the nucleolus during late G1/S phase (PubMed:15674325). .		
Tissue specificity	Highly expressed in spleen and thymus (PubMed:15674325). Intermediate levels in liver, kidney, pancreas, prostate, testis, ovary, intestine, and leukocytes (PubMed:15674325). Low expression in heart, brain, placenta, lung, skeletal muscle, and colon (PubMed:15674325).		
Function	Catalytic activity:NAD(+) + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)(n+1)-acceptor.,Function:May play a role in cell proliferation. May be required for the maintenance of cell cycle progression.,PTM:Stimulated through its phosphorylation by CDK2. Acquires CDK-dependent phosphorylation through late-G1 to S phase, and from prometaphase to cytokinesis in the nucleolar organizing regions. Phosphorylation is suppressed in growth-arrested cells.,similarity:Contains 1 PARP catalytic domain.,subcellular location:Shuttles between the nuclear and cytoplasmic compartment. A subpopulation concentrates in the nucleolus during late G1/S phase.,subunit:Interacts with MYC.,tissue specificity:Highly expressed in spleen and thymus. Intermediate levels in liver, kidney, pancreas, prostate, testis, ovary, intestine, and leukocytes. Low expression in heart, brain, placenta, lung, skeletal muscle, and colon.,		

Validation Data

Contact information

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Please scan the QR code to access additional product information:
PAR10 Rabbit pAb

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