

ARG63904 anti-PARP2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PARP2
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PARP2
Species	Human
Immunogen	C-LDLFEVEKDGEKE
Conjugation	Un-conjugated
Alternate Names	EC 2.4.2.30; hPARP-2; ARTD2; NAD; pADPRT-2; PARP-2; Poly [ADP-ribose] polymerase 2; Poly[ADP-ribose] synthase 2; ADP-ribosyltransferase diphtheria toxin-like 2; ADPRT-2; ADPRTL2; ADPRTL3; ADPRT2

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	1 - 3 µg/ml

Application Note
WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 10038 Human](#)

[Swiss-port # Q9UGN5 Human](#)

Background

This gene encodes poly(ADP-ribosyl)transferase-like 2 protein, which contains a catalytic domain and 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. The basic residues within the N-terminal region of this protein may bear potential DNA-binding properties, and may be involved in the nuclear and/or nucleolar targeting of the protein. Two alternatively spliced transcript variants encoding distinct isoforms have been found. [provided by RefSeq, Jul 2008]

Research Area

Gene Regulation antibody

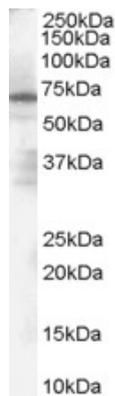
Calculated Mw

66 kDa

PTM

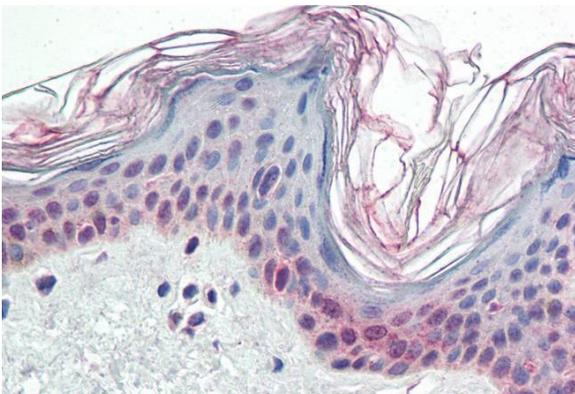
Poly-ADP-ribosylated by PARP1.
Acetylation reduces DNA binding and enzymatic activity.

Images



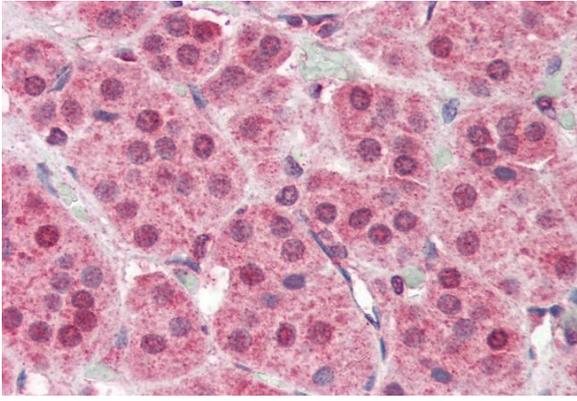
ARG63904 anti-PARP2 antibody WB image

Western Blot: Human Spleen Lysate (35 µg protein in RIPA buffer) stained with ARG63904 anti-PARP2 antibody at 1 µg/ml dilution.



ARG63904 anti-PARP2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human skin tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63904 anti-PARP2 antibody at 5 µg/ml dilution followed by AP-staining.



ARG63904 anti-PARP2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human adrenal gland tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63904 anti-PARP2 antibody at 5 $\mu\text{g}/\text{ml}$ dilution followed by AP-staining.