



PAR14 Polyclonal Antibody

Catalog No	YP-Ab-07078
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	PARP14 BAL2 KIAA1268
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PAR14 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Peptidyl-prolyl cis/trans isomerase EPVH;Parvulin-17;Parvulin-14;hPar14;EPVH; PAR14;PARP14 BAL2 KIAA1268;Poly [ADP-ribose] polymerase 14 (PARP-14) (EC 2.4.2.30) (ADP-ribosyltransferase diphtheria toxin-like 8) (ARTD8) (B aggressive lymphoma protein 2)
Observed Band	14 kDa
Calculated Molecular Weight	131 aa, 14 kDa
Cell Pathway	Nucleus . Cytoplasm . In steady state splenocytes the protein is mostly nuclear (By similarity). A minor proportion is detected in the cytoplasm (By similarity). In macrophages, mainly localizes to the cytoplasm (PubMed:27796300). .
Tissue Specificity	Expressed in macrophages.
Function	catalytic activity:NAD(+) + (ADP-D-ribosyl)(n)-acceptor = nicotinamide + (ADP-D-ribosyl)(n+1)-acceptor.,function:Enhances STAT6-dependent transcription (By similarity). Has ADP-ribosyltransferase activity.,similarity:Contains 1 PARP catalytic domain.,similarity:Contains 1 WWE domain.,similarity:Contains 3 Macro domains.,subcellular location:In steady state cells the protein is mostly nuclear. A minor proportion is detected in the cytoplasm.,subunit:Interacts with STAT6.,

Background

This gene encodes a member of the poly(ADP-ribose) polymerase (PARP) protein family. The encoded anti-apoptotic protein may regulate aerobic glycolysis and promote survival of cancer cells. Increased expression of this gene has been reported in a variety of tumor types. [provided by RefSeq, Jul 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images