



PARG rabbit pAb

Catalog No	YP-Ab-09106
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	PARG
Immunogen	Synthesized peptide derived from human PARG AA range: 140-190
Specificity	This antibody detects endogenous levels of PARG at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:3.2.1.143; PARG99; Poly(ADP-ribose) glycohydrolase; PARG
Observed Band	
Calculated Molecular Weight	107kD
Cell Pathway	[Isoform 1]: Nucleus . Colocalizes with PCNA at replication foci (PubMed:21398629). Relocalizes to the cytoplasm in response to DNA damage (PubMed:16460818). .; [Isoform 2]: Cytoplasm . Translocates to the nucleus in response to DNA damage. .; [Isoform 3]: Cytoplasm .; [Isoform 4]: Cytoplasm . Mitochondrion .; [Isoform 5]: Mitochondrion matrix .
Tissue Specificity	Ubiquitously expressed.
Function	function: Serine hydrolase that catalyzes the hydrolytic activation of amino acid ester prodrugs of nucleoside analogs such as valacyclovir and valganciclovir. Activates valacyclovir to acyclovir. May play a role in detoxification processes., similarity: Belongs to the AB hydrolase superfamily. Lipase family., subunit: Monomer., tissue specificity: Expressed at high levels in liver and kidney and lower levels in heart, intestine and skeletal muscle.,



Background

This gene encodes a member of the serine protease family of hydrolytic enzymes which contain a serine in their active site. The encoded protein may play a role in activation of the antiviral prodrug valacyclovir. Alternatively spliced transcript variants have been described.[provided by RefSeq, Jan 2009],

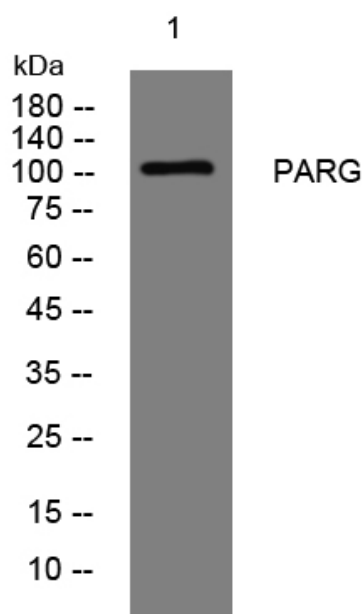
matters needing attention

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



Western blot analysis of lysates from CACO2 cells, primary antibody was diluted at 1:1000, 4° over night