



PRDX5 rabbit pAb

Cat No.:ES10977

For research use only

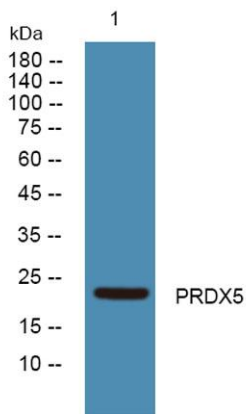
Overview

Product Name	PRDX5 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PRDX5 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Peroxiredoxin-5, mitochondrial (EC 1.11.1.15) (Alu corepressor 1) (Antioxidant enzyme B166) (AOEB166) (Liver tissue 2D-page spot 71B) (PLP) (Peroxiredoxin V) (Prx-V) (Peroxisomal antioxidant enzyme) (
Gene Name	PRDX5 ACR1 SBB110
Cellular localization	[Isoform Mitochondrial]: Mitochondrion .; [Isoform Cytoplasmic+peroxisomal]: Cytoplasm . Peroxisome matrix . Imported into peroxisomes via peroxisomal targeting signal 1 receptor PEX5. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	23kD
Human Gene ID	25824
Human Swiss-Prot Number	P30044
Alternative Names	
Background	This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce





hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in different tissues under normal conditions and during inflammatory processes. This protein interacts with peroxisome receptor 1. The crystal structure of this protein in its reduced form has been resolved to 1.5 angstrom resolution. This gene uses alternate in-frame translation initiation sites to generate mitochondrial or peroxisomal/cytoplasmic forms. Three transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night

