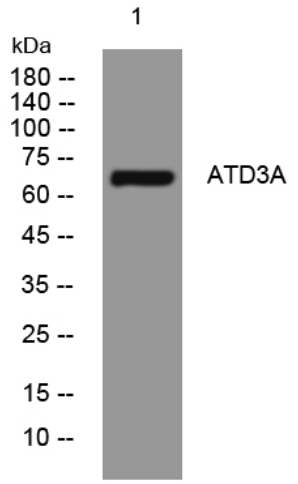
ATD3A rabbit pAb

Catalog No	YP-Ab-11167
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	ATAD3A
Immunogen	Synthesized peptide derived from human ATD3A AA range: 433-483
Specificity	This antibody detects endogenous levels of ATD3A at Human
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	ATD3A;ATAD3A
Observed Band	
Calculated Molecular Weight	70kD
Cell Pathway	Mitochondrion inner membrane ; Single-pass membrane protein . Mitochondrion matrix, mitochondrion nucleoid . In the mitochondrial inner membrane, enriched in sites with the potential to form contacts with the outer membrane (PubMed:20349121, PubMed:20154147). The N-terminal domain interacts with the inner surface of the mitochondrial outer membrane and the C-terminal domain localizes in a specific matrix compartment, where it is associated with nucleoids (PubMed:18063578). .
Tissue Specificity	Overexpressed in lung adenocarcinomas (at protein level).
Function	similarity:Belongs to the AAA ATPase family.,
Background	ATAD3A and ATAD3B (MIM 612317) are mitochondrial membrane proteins that contribute to the stabilization of large mitochondrial DNA (mtDNA)-protein complexes called nucleoids (He et al., 2007 [PubMed 17210950]).[supplied by OMIM, Sep 2008],

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 HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night