

## ATD3A rabbit pAb

<b>Catalog No :</b>	YT6532
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB
<b>Target :</b>	ATD3A
<b>Gene Name :</b>	ATAD3A
<b>Protein Name :</b>	ATD3A
<b>Human Gene Id :</b>	55210
<b>Human Swiss Prot No :</b>	Q9NVI7
<b>Immunogen :</b>	Synthesized peptide derived from human ATD3A AA range: 433-483
<b>Specificity :</b>	This antibody detects endogenous levels of ATD3A at Human
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1[?]500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	70kD
<b>Background :</b>	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],

**Function :** similarity:Belongs to the AAA ATPase family.,**Subcellular Location :** 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). .**Expression :** Overexpressed in lung adenocarcinomas (at protein level).**Sort :** 2349**No4 :** 1**Host :** Rabbit**Modifications :** Unmodified

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