



# Anti-ATAD3A monoclonal antibody (DCABH-10650)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</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]).
<b>Immunogen</b>	A synthetic peptide of human ATAD3A is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ATAD3A ATPase family, AAA domain containing 3A [ Homo sapiens ]</a>
<b>Official Symbol</b>	ATAD3A

<b>Synonyms</b>	ATAD3A; ATPase family, AAA domain containing 3A; ATPase family AAA domain-containing protein 3A; FLJ10709; FLJ35514;
<b>Entrez Gene ID</b>	<a href="#">55210</a>
<b>Protein Refseq</b>	<a href="#">NP_001164006</a>
<b>UniProt ID</b>	<a href="#">Q9NVI7</a>
<b>Chromosome Location</b>	1p36.33
<b>Function</b>	ATP binding; nucleoside-triphosphatase activity; nucleotide binding;