



# ATCAY mouse mAb

<b>Catalog No</b>	BYmab-12121
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	ATCAY KIAA1872
<b>Protein Name</b>	ATCAY
<b>Immunogen</b>	Synthesized peptide derived from human ATCAY AA range: 69-119
<b>Specificity</b>	This antibody detects endogenous levels of ATCAY at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cell projection, axon . Cell projection, dendrite . Cell junction, synapse, presynapse . Mitochondrion . Cell projection, growth cone . Cytoplasm .
<b>Tissue Specificity</b>	
<b>Function</b>	disease:Defects in ATCAY are the cause of cerebellar ataxia, cayman type (ATCAY) [MIM:601238]. ATCAY is found in a population isolate on Grand Cayman Island and causes a marked psychomotor retardation and prominent nonprogressive cerebellar dysfunction including nystagmus, intention tremor, dysarthria, and wide-based ataxic gait. Hypotonia is present from early childhood.,domain:The CRAL-TRIO domain is known to bind small hydrophobic molecules.,similarity:Contains 1 CRAL-TRIO domain.,
<b>Background</b>	This gene encodes a neuron-restricted protein that contains a CRAL-TRIO motif common to proteins that bind small lipophilic molecules. Mutations in this gene are associated with cerebellar ataxia, Cayman type. [provided by RefSeq, Jul 2008],

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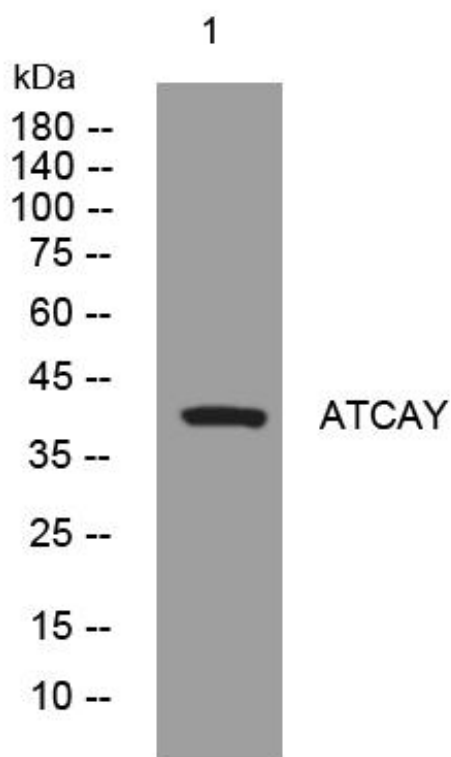
**matters needing attention**

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 various cells using ATCAY mouse mAb