

ATCAY rabbit pAb

Catalog No :	YT7487
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	ATCAY
Gene Name :	ATCAY KIAA1872
Protein Name :	ATCAY
Human Gene Id :	85300
Human Swiss Prot No :	Q86WG3
Mouse Gene Id :	16467
Mouse Swiss Prot No :	Q8BHE3
Rat Gene Id :	362826
Rat Swiss Prot No :	Q1M168
Immunogen :	Synthesized peptide derived from human ATCAY AA range: 69-119
Specificity :	This antibody detects endogenous levels of ATCAY at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 41kD

Background : 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],

Function : 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.,

Subcellular Location : Cell projection, axon . Cell projection, dendrite . Cell junction, synapse, presynapse . Mitochondrion . Cell projection, growth cone . Cytoplasm .

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