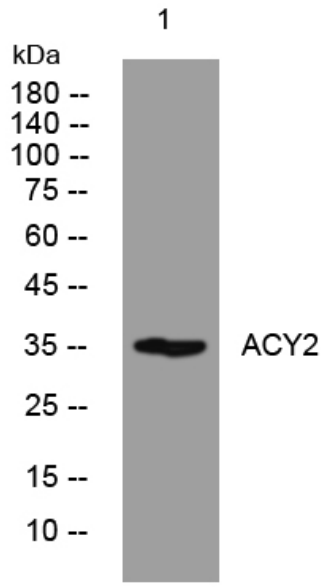
ACY2 rabbit pAb

Catalog No	YP-Ab-08605
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	ASPA ACY2 ASP
Protein Name	ACY2
Immunogen	Synthesized peptide derived from human ACY2 AA range: 67-117
Specificity	This antibody detects endogenous levels of ACY2 at Human/Mouse/Rat
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	
Observed Band	
Cell Pathway	Cytoplasm. Nucleus .
Tissue Specificity	Brain white matter, skeletal muscle, kidney, adrenal glands, lung and liver.
Function	catalytic activity:N-acyl-L-aspartate + H(2)O = a carboxylate + L-aspartate.,cofactor:Binds 1 zinc ion per subunit.,disease:Defects in ASPA are the cause of Canavan disease (CAND) [MIM:271900]; also known as spongy degeneration of the brain. CAND is a rare neurodegenerative condition of infancy or childhood characterized by white matter vacuolization and demeylination that gives rise to a spongy appearance. The clinical features are onset in early infancy, atonia of neck muscles, hypotonia, hyperextension of legs and flexion of arms, blindness, severe mental defect, megalocephaly, and death by 18 months on the average.,function:Catalyzes the deacetylation of N-acetylaspartic acid (NAA) to produce acetate and L-aspartate. NAA occurs in high concentration in brain and its hydrolysis NAA plays a significant part in the maintenance of intact white matter. In other tissues it act as a scaveng
Background	This gene encodes an enzyme that catalyzes the conversion of N-acetyl_L-aspartic acid (NAA) to aspartate and acetate. NAA is abundant in the brain where hydrolysis by aspartoacylase is thought to help maintain white matter.

	This protein is an NAA scavenger in other tissues. Mutations in this gene cause Canavan disease. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 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 3T3 cells, primary antibody was diluted at 1:1000, 4°over night