

Product datasheet for **AM50031PU-S**

ACOT7 (1-370) Mouse Monoclonal Antibody [Clone ID: AT1D5]

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | AT1D5 |
| Applications: | ELISA, FC, IF, WB |
| Recommended Dilution: | ELISA. Western blot: 1/500-1/2000 (starting dilution is 1/1000). Immunocytochemistry / Immunofluorescence. Flow cytometry. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Recombinant human ACOT7 (1-370aa) purified from <i>E. coli</i> |
| Specificity: | This antibody recognizes Human ACOT7 / BACH at aa1-370. Other species not tested. |
| Formulation: | PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction |
| Concentration: | lot specific |
| Purification: | Protein-A affinity chromatography |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | acyl-CoA thioesterase 7 |
| Database Link: | Entrez Gene 11332 Human O00154 |



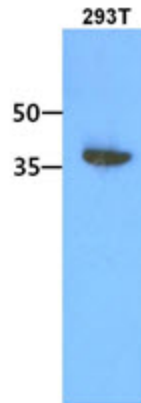
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Background: ACOT7 is a member of the acyl coenzyme family. This protein hydrolyzes the CoA thioester of palmitoyl-CoA and other long-chain fatty acids. Decreased expression of this protein may be associated with mesial temporal lobe epilepsy. Alternatively spliced transcript variants encoding distinct isoforms with different subcellular locations have been characterized.

Synonyms: Acyl-CoA thioesterase 7, Brain acyl-CoA hydrolase

Protein Pathways: Biosynthesis of unsaturated fatty acids

Product images:



The 293T cell lysate (30ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human ACOT7 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.