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## ACSL6 (vPair™) Antibodies

**Cat#:** R2712-vp

**Lot#:** Refer to vial

**Predicted | Observed M.W.:** 78 kDa

**Uniprot ID:** Q9UKU0

**Application:** WB

**Quantity:** 50 ul ACSL6 (N) (R2712-1) Rabbit Polyclonal Antibody &  
50 ul ACSL6 (C) (R2712-2) Rabbit Polyclonal Antibody

### Product Introduction:

vPair™ antibodies represent a pair of fully characterized antibodies that recognize two different regions of a target protein. The product is developed by Abiocode to address whether the signal observed truly represents the protein of interest, an often encountered issue in antibody-based assays. The use of a pair of fully characterized vPair™ antibodies in the same assay can validate signal specificity since vPair™ antibodies recognize two independent epitopes of the same protein. Different sets of vPair™ antibodies are developed at Abiocode to work with specific applications, including antibody arrays, Western blot, IP-Western, ChIP, IHC, and FACS.

### Background:

Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. ACSL6 plays an important role in fatty acid metabolism in brain and the acyl-CoAs produced may be utilized exclusively for the synthesis of the brain lipid. Translocations with the ETV6 gene are causes of myelodysplastic syndrome with basophilia, acute myelogenous leukemia with eosinophilia, and acute eosinophilic leukemia.

### Other Names:

Long-chain-fatty-acid--CoA ligase 6, Long-chain acyl-CoA synthetase 6, LACS 6, ACS2, FAFL6, KIAA0837, LACS5

### Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either N-terminal [ACSL6 (N) (R2712-1)] or the C-terminal [ACSL6 (C) (R2712-2)] region of human ACSL6. Antibodies were purified by affinity purification using immunogen.

### Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

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**For research use only. Not for therapeutic or diagnostic purposes.**  
**Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301**

**Species Specificity:**

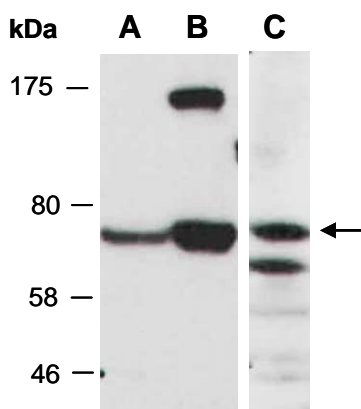
Human, Mouse

**Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from (A, C) mouse brain; (B) mouse thymus; using 2 independent Abs against 2 distinct regions of human ACSL6 at RT for 2 h.