

YM050623

ACC1



- 50ul
- 100 uL

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**Description:**

Multifunctional enzyme that catalyzes the carboxylation of acetyl-CoA, forming malonyl-CoA, which is used in the plastid for fatty acid synthesis and in the cytosol in various biosynthetic pathways including fatty acid elongation. Required for very long chain fatty acids elongation. Necessary for embryo and plant development. Plays a central function in embryo morphogenesis, especially in apical meristem development. Involved in cell proliferation and tissue patterning. May act as a repressor of cytokinin response.

**Alternative Names :** Acetyl-CoA carboxylase 1

**Reactivity :** Zea mays

**UniProt :** A0A1D6GRR8

**Mol.Wt. :** 250 kDa

**Application :** WB, IF, IP

**Source :** Mouse

**Clonality :** Monoclonal

**Storage Condition :** Store at -121°C long term.