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# ACMSD Polyclonal Antibody

**Cat #:** G-AB-00688

**Host:** Rabbit **Reactivity:** Human, Mouse

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
The neuronal excitotoxin quinolinate is an intermediate in the de novo synthesis pathway of NAD from tryptophan, and has been implicated in the pathogenesis of several neurodegenerative disorders. Quinolinate is derived from alpha-amino-beta-carboxy-muconate-epsilon-semialdehyde (ACMS). ACMSD (ACMS decarboxylase; EC 4.1.1.45) can divert ACMS to a benign catabolite and thus prevent the accumulation of quinolinate from ACMS.

**Gene ID:**

**Accession #:** BC016018

**Immunogen:** Recombinant protein of human ACMSD

**Conjugation:** Unconjugated

**Swissprot:** Q8TDX5

**Calculated Molecular Weight:** 38 kDa

**Observed Molecular Weight:**

**Concentration:** 0.2 mg/mL

**Buffer:** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

**Purification Method:** Affinity purification

**Application:** WB,ELISA

**Dilution:** WB 1:500-1:2000

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.