

Product datasheet for **TA322078S**

ACMSD Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Raji cells
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38 kDa
Gene Name:	aminocarboxymuconate semialdehyde decarboxylase
Database Link:	NP_612199 Entrez Gene 266645 Mouse Entrez Gene 130013 Human Q8TDX5
Background:	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.
Synonyms:	2-amino-3-carboxymuconate-6-semialdehyde decarboxylase; aminocarboxymuconate semialdehyde decarboxylase; OTTHUMP00000162500
Protein Families:	Transmembrane



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Protein Pathways: Metabolic pathways, Tryptophan metabolism

Product images:



Gel: 10%SDS-PAGE
Lysate: 40 μ g
Lane: Raji cells
Primary antibody: [TA322078] (ACMSD Antibody)
at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 20 seconds