

Product datasheet for **TA362962**

Kmo Rabbit Polyclonal Antibody

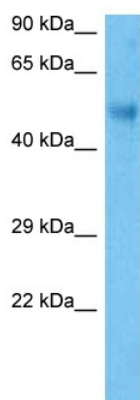
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse KMO
Specificity:	Expected reactivity: Mouse
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	52 kDa
Gene Name:	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)
Database Link:	NP_598570.1 Entrez Gene 98256 Mouse Q91WN4
Background:	Catalyzes the hydroxylation of L-kynurenine (L-Kyn) to form 3-hydroxy-L-kynurenine (L-3OHKyn). Required for synthesis of quinolinic acid, a neurotoxic NMDA receptor antagonist and potential endogenous inhibitor of NMDA receptor signaling in axonal targeting, synaptogenesis and apoptosis during brain development. Quinolinic acid may also affect NMDA receptor signaling in pancreatic beta cells, osteoblasts, myocardial cells, and the gastrointestinal tract.
Synonyms:	dj317G22.1



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Product images:



Host: Rabbit
Target Name: Kmo
Sample Type: Mouse Brain Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: KMO
Sample Tissue: Mouse Brain lysates
Antibody Dilution: 1 ug/ml