

## Product datasheet for **TA397524**

### Kmo Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>WB:</b> 1ug/ml <b>ELISA:</b> 1: 10,000
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Anti-KMO affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide near the N-terminus of mouse KMO protein.
Specificity:	Anti-KMO was affinity purified from monospecific antiserum by immunoaffinity chromatography. A BLAST analysis was used to suggest cross-reactivity with mouse, rat, pig, and human based on 100% sequence homology. Cross-reactivity with KMO from other sources has not been determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.09 mg/mL - lot specific
Conjugation:	Unconjugated
Storage:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Stability:	Expiration date is one (1) year from date of receipt.
Background:	Kynurenine 3-monooxygenase (KMO) catalyzes the hydroxylation of L-kynurenine (L-Kyn) to form 3-hydroxy-L-kynurenine (L-3OHKyn). The enzyme is required for synthesis of quinolinic acid. Quinolinic acid is a neurotoxic NMDA receptor antagonist and potential endogenous inhibitor of NMDA receptor signaling in axonal targeting, synaptogenesis and apoptosis during brain development. Anti-KMO antibodies are ideal for researchers interested in Apoptosis, Neurodegeneration, and Neuroscience research.
Synonyms:	rabbit anti-Kmo antibody, kynurenine 3-monooxygenase, kynurenine 3-hydroxylase



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**Note:** Anti-KMO antibody is useful for ELISA, Immunohistochemistry, and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~58kDa corresponding to the appropriate cell lysate or extract.