



KMO Antibody, HRP conjugated

Product Code	CSB-PA012475LB01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O15229
Immunogen	Recombinant Human Kynurenine 3-monooxygenase protein (1-486AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
Relevance	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.
Form	Liquid
Conjugate	HRP
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Kynurenine 3-monooxygenase (EC 1.14.13.9) (Kynurenine 3-hydroxylase), KMO
Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	KMO