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Datasheet for ABIN7157759

anti-KMO antibody (AA 1-486) (HRP)

Overview

Quantity:	100 µg
Target:	KMO
Binding Specificity:	AA 1-486
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KMO antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Kynurenine 3-monooxygenase protein (1-486AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KMO
Alternative Name:	KMO (KMO Products)
Background:	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

Target Details

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.

Aliases: dJ317G22.1 antibody, kmo antibody, KMO_HUMAN antibody, Kynurenine 3 hydroxylase antibody, Kynurenine 3 monooxygenase (kynurenine 3 hydroxylase) antibody, Kynurenine 3 monooxygenase antibody, Kynurenine 3-hydroxylase antibody, Kynurenine 3-monooxygenase antibody, RP1-317G22.1 antibody

UniProt: [O15229](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.