

Rabbit anti-Human, Mouse Kynurenine 3-monooxygenase Polyclonal Antibody | anti-KMO antibody

Rabbit anti-human Kynurenine 3-monooxygenase polyclonal Antibody(KMO)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA18850	Rabbit	Human, Mouse	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

Kynurenine 3-monooxygenase; Polyclonal Antibody; Rabbit anti-human Kynurenine 3-monooxygenase polyclonal Antibody(KMO); Kynurenine 3-monooxygenase (EC 1.14.13.9) (Kynurenine 3-hydroxylase); KMO; anti-KMO antibody

PRODUCT SPECIFICATIONS

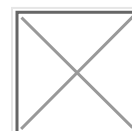
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid; PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	486
Applicable Applications for anti-KMO antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB:1:200-1000 IHC:1:20-1:200
Conjugate	Non-conjugated
Immunogen	Recombinant human Kynurenine 3-monooxygenase protein (1-260aa)
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	KMO
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA18850 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: KMO antibody at 10ug/ml+mouse heart tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 56,55,52 kDaObserved band size: 56 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-KMO antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187960045
NCBI GeneID	8564
NCBI Accession #	NP_003670.2
NCBI GenBank Nucleotide #	NM_003679.4
UniProt Accession #	O15229; Q5SY07; Q5SY08; Q5SY09; A2A2U8; A2A2U9; A2A2V0
NCBI Official Full Name	kynurenine 3-monooxygenase
NCBI Official Synonym Full Names	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)
NCBI Official Symbol	KMO
NCBI Official Synonym Symbols	dJ317G22.1
NCBI Protein Information	kynurenine 3-monooxygenase
UniProt Protein Name	Kynurenine 3-monooxygenase
UniProt Gene Name	KMO
UniProt Entry Name	KMO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kynurenine-3-monooxygenase-antibody-western-blot-immunohistochemistry-elisa/18850>